

Converting Colors

XYZ(75.0218, 89.9426, 95.8765)

Have a look what the booklet for
XYZ(75.0218, 89.9426, 95.8765)
contains.

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Color

**XYZ(75.0414, 89.9534,
95.8457)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FFF0
RGB	199, 255, 240
RGB Percent	78%, 100%, 94%
CMY	0.2196, 0.0000, 0.0588
CMYK	0.22, 0.00, 0.06, 0.00
HSL	164°, 100%, 89%
HSV	164°, 22%, 100%
XYZ	75.0414, 89.9534, 95.8457
YIQ	236.5460, -28.5610, -16.5370

Conversions

Conversions Part 2

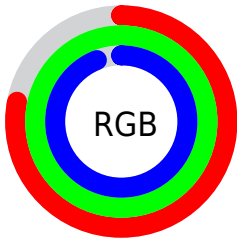
Format	Color
R_{YB}	199, 231, 255
Decimal	13107184
CIE _{Lab}	95.98, -20.54, 1.39
CIE _{LCh}	96, 20.585, 176.132
Y _{xy}	89.9534, 0.2877, 0.3449
Android (android.graphics.Color)	4291297264 (0xFFC7FFF0)
YUV	236.5460, 1.7028, -32.9278
Hunter-Lab	94.8438, -24.7455, 6.4743

Details

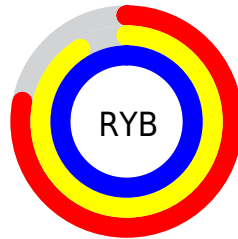
The XYZ color **75.0414, 89.9534, 95.8457** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.8017, 66.9631, 72.6542**, and the grayscale version is **80.1502, 84.3242, 91.8291**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3474, 49.7782, 52.8290** is the 20% darker color. If you saturate the color by 10%, you get **67.8375, 86.3547, 90.3124**, and if you desaturate by 10%, it is **83.4190, 94.1527, 101.6362**.

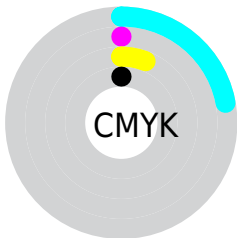
Distribution



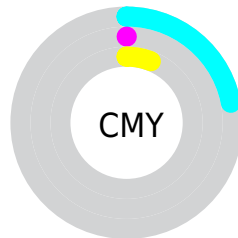
- Red (78%)
- Green (100%)
- Blue (94%)



- Red (78%)
- Yellow (91%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.0414, 89.9534, 95.8457 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.0414, 89.9534, 95.8457 by changing the saturation by 10% instead.


 75.0414, 89.9534,
95.8457

 75.0414, 89.9534,
95.8457

467.0548,
527.8793, 567.9222

 55.9411, 67.9420,
72.2383

125.3586,
147.2737, 157.4381

 40.3925, 49.8505,
52.8653


157.3061,
183.3513, 196.2601

 28.0303, 35.2947,
37.3083


194.2668,
224.8865, 240.9908

 18.4891, 23.8899,
25.1486


236.6060,
272.2636, 292.0486

 11.4035, 15.2520,
15.9678

284.6891,
325.8670, 349.8521

 6.4082, 8.9964,
9.3473

338.8813,

 3.1378, 4.7389,

386.0812, 414.8198

4.8685

399.5481,
453.2905, 487.3704

■ 1.2271, 2.0949,
2.1129

■ 0.1276, 0.6617,
0.6234

■ 75.0414, 89.9534,
95.8457

■ 75.0414, 89.9534,
95.8457

■ 67.8375, 86.3547,
90.3124

■ 83.4190, 94.1527,
101.6362

■ 61.7477, 83.3259,
85.0270

■ 93.0205, 98.9786,
107.6840

■ 56.7111, 80.8359,
79.9859

■ 95.0500, 100.0000,
108.9000

■ 52.6600, 78.8495,
75.1837

■ 49.5182, 77.3277,
70.6146

■ 47.1983, 76.2255,
66.2721

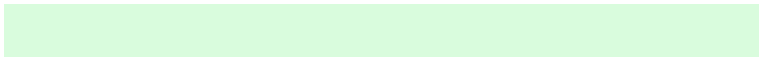
■ 45.5947, 75.4884,
62.1490

■ 44.6977, 75.0951,
58.9854

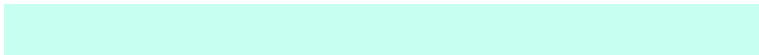
Harmonies

Analogous

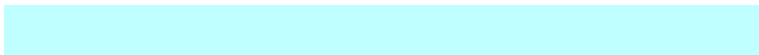
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.7327, 89.9534, 81.5015



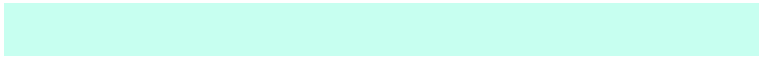
75.0414, 89.9534, 95.8457



76.0481, 89.9534, 112.4009

Triad

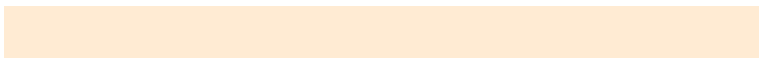
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.0414, 89.9534, 95.8457



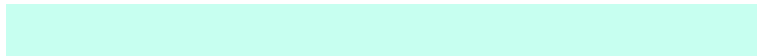
90.4072, 89.9534, 128.8494



91.7404, 89.9534, 74.1654

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



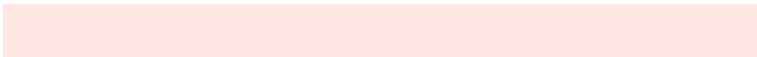
75.0414, 89.9534, 95.8457



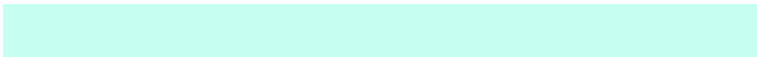
73.8017, 66.9631, 72.6542

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.7000, 89.9534, 84.7830



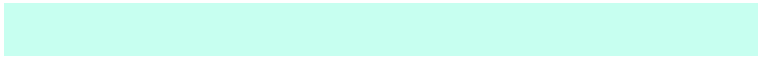
75.0414, 89.9534, 95.8457



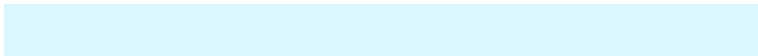
94.9067, 89.9534, 116.4613

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.0414, 89.9534, 95.8457



84.7622, 89.9534, 132.6454



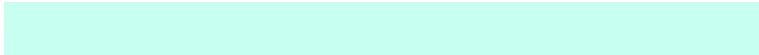
96.8835, 89.9534, 100.0726



86.2381, 89.9534, 69.8931

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



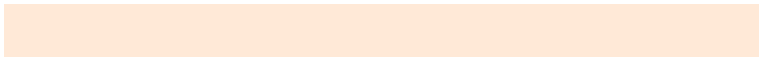
75.0414, 89.9534, 95.8457



78.1389, 89.9534, 122.3114



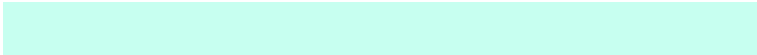
96.8835, 89.9534, 100.0726



93.3053, 89.9534, 77.0490

Sweetspot

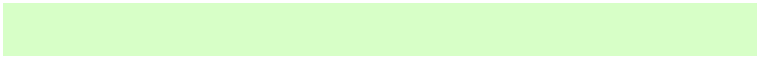
The Sweet Spot groups the original color and five complimentary colors.



75.0423, 89.9538, 95.8472



88.0249, 96.4662, 104.6032



74.0548, 90.0708, 67.5167



18.7175, 20.5857, 22.3114



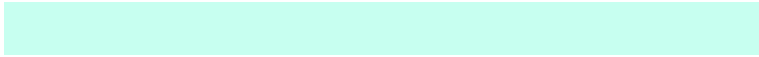
0.0000, 0.0000, 0.0000



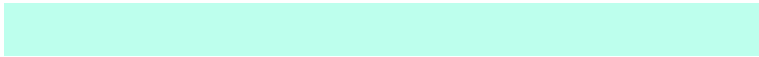
20.3446, 21.4041, 23.3091

Same Dimension

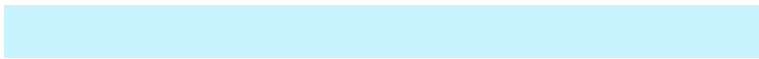
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0423, 89.9538, 95.8472



71.9934, 88.4291, 93.5807



73.6147, 83.3842, 106.8226



18.3350, 20.3935, 22.0670



23.4209, 39.2650, 31.1656



2.3259, 3.8413, 3.2740

Inverse Universe

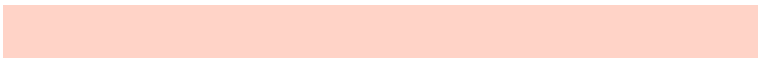
The Inverse Universe completely reimagines the original color for something new.



73.8017, 66.9631, 72.6542



70.5694, 62.0048, 66.9331



74.8770, 72.0394, 63.9929



18.2091, 18.0670, 19.7185



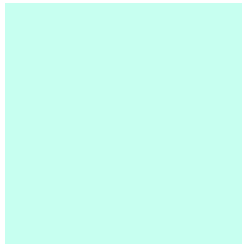
22.1513, 11.3498, 4.1811



2.1999, 1.1223, 0.6341

Previews

White Background



This preview shows how the XYZ color 75.0414, 89.9534, 95.8457 looks on a white background.

Color Contrast Check

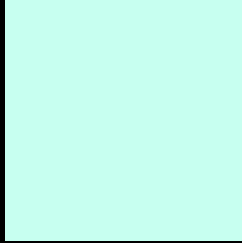
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.0414, 89.9534, 95.8457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

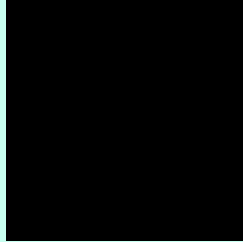
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.0414, 89.9534, 95.8457

Background



This preview shows how black text looks on a background with the XYZ color 75.0414, 89.9534, 95.8457.



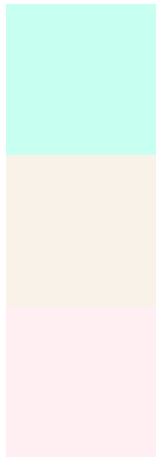
This preview shows how white text looks on a background with the XYZ color 75.0414, 89.9534,

95.8457.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.0414, 89.9534, 95.8457

Protanopia

85.5270, 89.5272, 89.8635

Deuteranopia

88.2842, 89.4641, 97.4092



Tritanopia

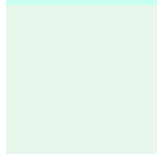
83.0007, 89.6255, 107.5326

Trichromacy



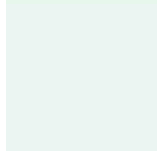
Original Color

75.0414, 89.9534, 95.8457



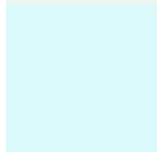
Protanomaly

81.3561, 89.5666, 92.3570



Deuteranomaly

82.9404, 89.3778, 96.8846



Tritanomaly

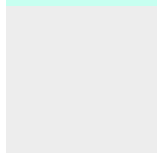
79.7463, 89.4052, 103.4963

Monochromacy



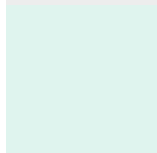
Original Color

75.0414, 89.9534, 95.8457



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.2147, 86.5624, 93.4748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.0414, 89.9534, 95.8457 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 75.0414, 89.9534, 95.8457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 255, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(199, 255, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(199, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0414, 89.9534, 95.8457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
255, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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