

Converting Colors

XYZ(75.5951, 90.6386, 97.4853)

Have a look what the booklet for
XYZ(75.5951, 90.6386, 97.4853)
contains.

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Color

**XYZ(75.3402, 90.0729,
97.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FFF2
RGB	199, 255, 242
RGB Percent	78%, 100%, 95%
CMY	0.2196, 0.0000, 0.0510
CMYK	0.22, 0.00, 0.05, 0.00
HSL	166°, 100%, 89%
HSV	166°, 22%, 100%
XYZ	75.3402, 90.0729, 97.4194
YIQ	236.7740, -29.2030, -15.9150

Conversions

Conversions Part 2

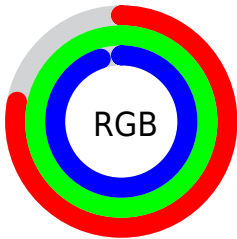
Format	Color
R_{YB}	199, 231, 255
Decimal	13107186
CIE _{Lab}	96.03, -20.14, 0.43
CIE _{LCh}	96, 20.144, 178.775
Yxy	90.0729, 0.2866, 0.3427
Android (android.graphics.Color)	4291297266 (0xFFC7FFF2)
YUV	236.7740, 2.5764, -33.1278
Hunter-Lab	94.9067, -24.3874, 5.5750

Details

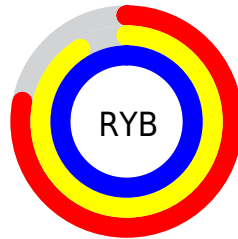
The XYZ color **75.3402, 90.0729, 97.4194** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.5477, 66.8615, 71.3169**, and the grayscale version is **80.3191, 84.5020, 92.0227**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5586, 49.8626, 53.9412** is the 20% darker color. If you saturate the color by 10%, you get **68.2573, 86.5226, 92.5230**, and if you desaturate by 10%, it is **83.5875, 94.2201, 102.5234**.

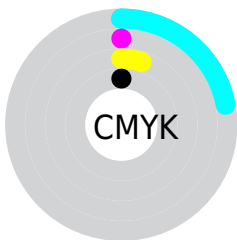
Distribution



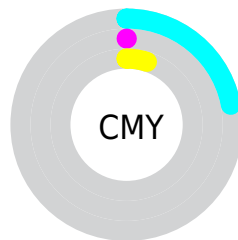
- Red (78%)
- Green (100%)
- Blue (95%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3402, 90.0729, 97.4194 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 75.3402, 90.0729, 97.4194 by changing the saturation by 10% instead.


 75.3402, 90.0729,
97.4194

 75.3402, 90.0729,
97.4194


468.0652,
528.2680, 573.0628

 56.1868, 68.0411,
73.5423

125.7791,
147.4397, 159.6271

 40.5903, 49.9312,
53.9250


157.7954,
183.5434, 198.7948

 28.1853, 35.3587,
38.1489


194.8300,
225.1066, 243.8964

 18.6066, 23.9393,
25.7956

237.2482,
272.5136, 295.3506

 11.4887, 15.2886,
16.4464

285.4156,
326.1489, 353.5757

 6.4662, 9.0222,
9.6828

339.6972,

 3.1739, 4.7557,

386.3967, 418.9905

5.0863

400.4587,
453.6416, 492.0133

■ 1.2464, 2.1046,
2.2384

■ 0.1425, 0.6672,
0.6964

■ 75.3402, 90.0729,
97.4194

■ 75.3402, 90.0729,
97.4194

■ 68.2573, 86.5226,
92.5230

■ 83.5875, 94.2201,
102.5234

■ 62.2791, 83.5385,
87.8257

■ 93.0490, 98.9900,
107.8344

■ 57.3452, 81.0895,
83.3246

■ 95.0500, 100.0000,
108.9000

■ 53.3876, 79.1405,
79.0152

■ 50.3306, 77.6527,
74.8924

■ 48.0868, 76.5809,
70.9507

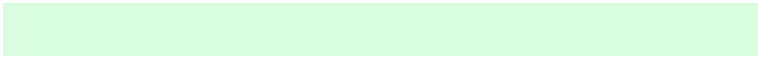
■ 46.5507, 75.8708,
67.1837

■ 45.7021, 75.4969,
64.2746

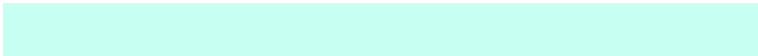
Harmonies

Analogous

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



76.7723, 90.0729, 83.0113



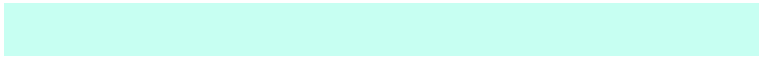
75.3402, 90.0729, 97.4194



76.5594, 90.0729, 113.5989

Triad

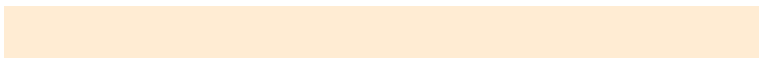
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3402, 90.0729, 97.4194



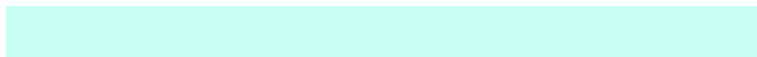
90.8734, 90.0729, 127.5039



91.2870, 90.0729, 74.1047

Complementary

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



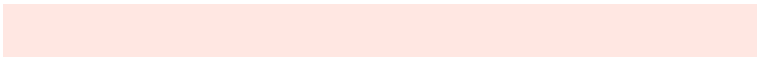
75.3402, 90.0729, 97.4194



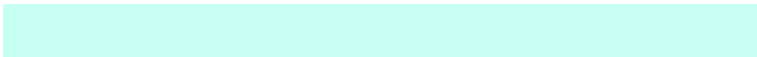
73.5477, 66.8615, 71.3169

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.



95.3505, 90.0729, 84.0323



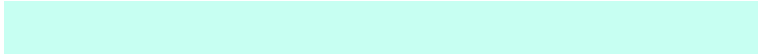
75.3402, 90.0729, 97.4194



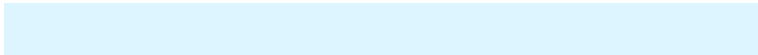
95.1046, 90.0729, 114.8570

Square

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



75.3402, 90.0729, 97.4194



85.3827, 90.0729, 132.0623



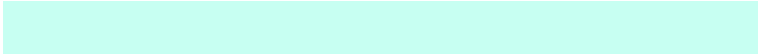
96.7765, 90.0729, 98.7317



85.8409, 90.0729, 70.4835

Rectangle

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



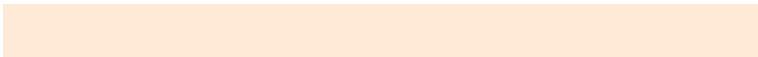
75.3402, 90.0729, 97.4194



78.7429, 90.0729, 123.0109



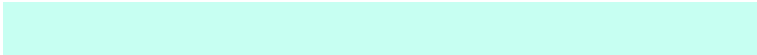
96.7765, 90.0729, 98.7317



92.8685, 90.0729, 76.7580

Sweetspot

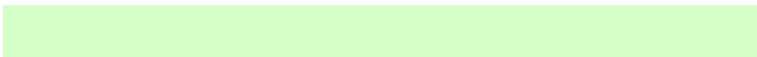
The Sweet Spot groups the original color and five complimentary colors.



75.3411, 90.0734, 97.4209



88.1252, 96.5064, 105.1313



73.2402, 89.6509, 67.4785



18.7407, 20.5950, 22.4339



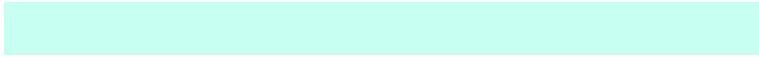
0.0000, 0.0000, 0.0000



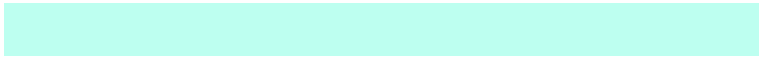
20.3446, 21.4041, 23.3091

Same Dimension

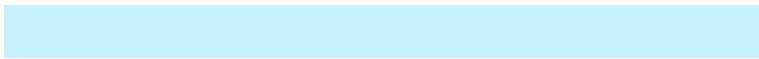
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3411, 90.0734, 97.4209



72.3423, 88.5686, 95.4176



72.7838, 81.7223, 106.5456



18.3639, 20.4051, 22.2192



23.9406, 39.4728, 33.9023



2.3727, 3.8600, 3.5205

Inverse Universe

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



73.5477, 66.8615, 71.3169



70.2830, 61.8902, 65.4247



75.5792, 73.4440, 64.2270



18.1821, 18.0562, 19.5761



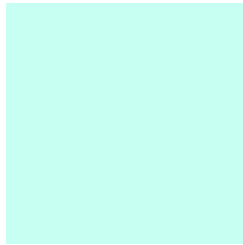
22.0108, 11.2936, 3.4416



2.1829, 1.1155, 0.5447

Previews

White Background



This preview shows how the XYZ color 75.3402, 90.0729, 97.4194 looks on a white background.

Color Contrast Check

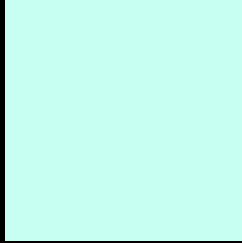
Large Text (above 18pt) WCAG AA × Fail

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 75.3402, 90.0729, 97.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

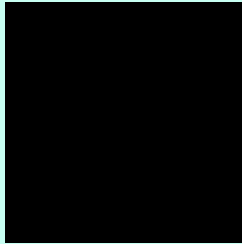
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

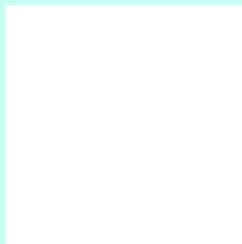
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3402, 90.0729, 97.4194

Background



This preview shows how black text looks on a background with the XYZ color 75.3402, 90.0729, 97.4194.



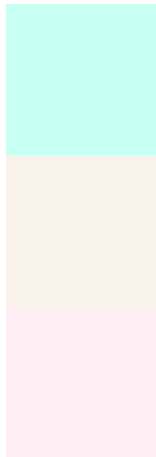
This preview shows how white text looks on a background with the XYZ color 75.3402, 90.0729,

97.4194.

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

75.3402, 90.0729, 97.4194

Protanopia

85.8144, 89.6422, 91.3770

Deuteranopia

88.5879, 89.5856, 99.0089



Tritanopia

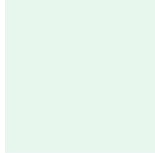
83.0007, 89.6255, 107.5326

Trichromacy



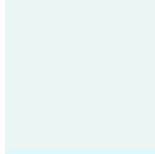
Original Color

75.3402, 90.0729, 97.4194



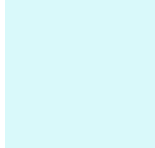
Protanomaly

81.6484, 89.6835, 93.8962



Deuteranomaly

83.2425, 89.4986, 98.4756



Tritanomaly

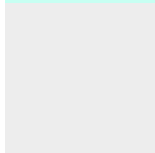
79.7463, 89.4052, 103.4963

Monochromacy



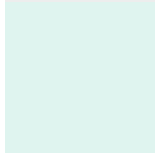
Original Color

75.3402, 90.0729, 97.4194



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.3621, 86.6213, 94.2508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3402, 90.0729, 97.4194 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 242) }
```

Border

The CSS property to change the border of an element to XYZ 75.3402, 90.0729, 97.4194 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, 242) }
```


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

```
.border{ border-color:rgb(199, 255, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 255, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 255, 242);  
box-shadow:4px 4px 4px 4px rgb(199, 255,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3402, 90.0729, 97.4194 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, 242) }
```

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

```
.background{ background-color: rgb(199,  
255, 242) }
```

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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