

Converting Colors

XYZ(75.4825, 86.7252,
107.3690)

Have a look what the booklet for
XYZ(75.4825, 86.7252, 107.3690)
contains.

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Color

**XYZ(75.4368, 86.6342,
107.3539)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F8FF
RGB	200, 248, 255
RGB Percent	78%, 97%, 100%
CMY	0.2157, 0.0274, 0.0000
CMYK	0.22, 0.03, 0.00, 0.00
HSL	188°, 100%, 89%
HSV	188°, 22%, 100%
XYZ	75.4368, 86.6342, 107.3539
YIQ	234.4460, -30.8550, -7.9990

Conversions

Conversions Part 2

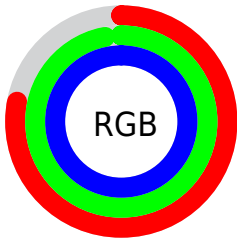
Format	Color
R_{YB}	200, 226, 255
Decimal	13170943
CIE _{Lab}	94.58, -13.72, -8.40
CIE _{LCh}	95, 16.084, 211.480
Yxy	86.6342, 0.2800, 0.3216
Android (android.graphics.Color)	4291361023 (0xFFC8F8FF)
YUV	234.4460, 10.1331, -30.2091
Hunter-Lab	93.0775, -18.2162, -3.2298

Details

The XYZ color **75.4368, 86.6342, 107.3539** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.9779, 70.0547, 64.2681**, and the grayscale version is **78.4889, 82.5765, 89.9258**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7197, 47.7962, 60.5055** is the 20% darker color. If you saturate the color by 10%, you get **68.1981, 81.4373, 106.7323**, and if you desaturate by 10%, it is **83.8331, 92.4581, 108.0355**.

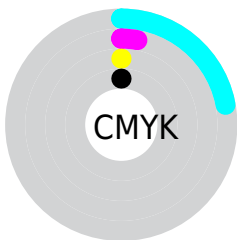
Distribution



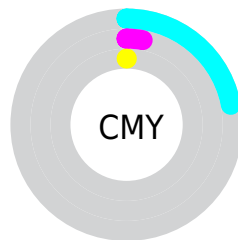
- Red (78%)
- Green (97%)
- Blue (100%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4368, 86.6342, 107.3539 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 75.4368, 86.6342, 107.3539 by changing the saturation by 10% instead.

75.4368, 86.6342,
107.3539

75.4368, 86.6342,
107.3539

468.3916,
517.0201, 604.9683

56.2662, 65.1925,
81.8051

125.9151,
142.6542, 173.3667

40.6543, 47.6172,
60.6700

157.9535,
178.0013, 214.6678

28.2355, 33.5239,
43.5301

195.0120,
218.7523, 262.0568

18.6446, 22.5281,
29.9668

237.4558,
265.2916, 315.9521

11.5163, 14.2454,
19.5615

285.6503,
318.0037, 376.7724

6.4850, 8.2916,
11.8958

339.9608,

3.1856, 4.2821,

377.2728, 444.9361

6.5511

400.7529,
443.4835, 520.8619

■ 1.2527, 1.8326,
3.1088

■ 0.1474, 0.5073,
1.1505

■ 75.4368, 86.6342,
107.3539

■ 75.4368, 86.6342,
107.3539

■ 68.1981, 81.4373,
106.7323

■ 83.8331, 92.4581,
108.0355

■ 62.0539, 76.8278,
106.1664

■ 93.4326, 98.9258,
108.7779

■ 56.9452, 72.7776,
105.6539

95.0500, 100.0000,
108.9000

■ 52.8048, 69.2518,
105.1916

■ 49.5573, 66.2114,
104.7759

■ 47.1161, 63.6118,
104.4028

■ 45.3770, 61.3989,
104.0673

■ 44.3222, 59.7644,
103.8074

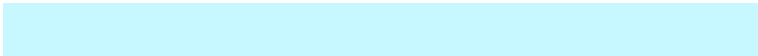
Harmonies

Analogous

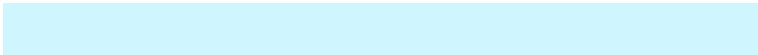
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2880, 86.6342, 94.9479



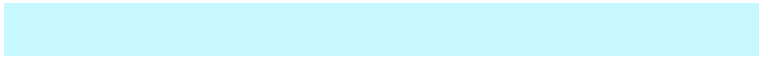
75.4368, 86.6342, 107.3539



78.4269, 86.6342, 116.8995

Triad

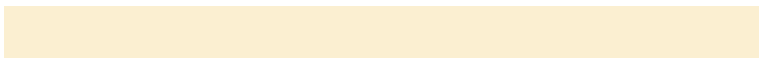
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.4368, 86.6342, 107.3539



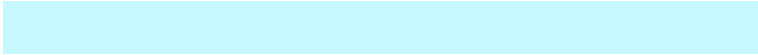
89.8869, 86.6342, 106.1939



82.1281, 86.6342, 72.4206

Complementary

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



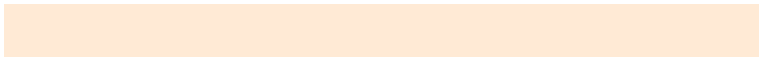
75.4368, 86.6342, 107.3539



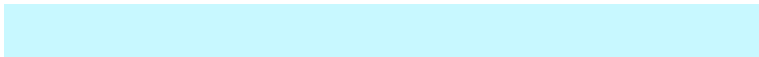
73.9779, 70.0547, 64.2681

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.



86.3878, 86.6342, 74.8700



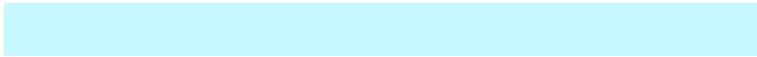
75.4368, 86.6342, 107.3539



90.9606, 86.6342, 93.7146

Square

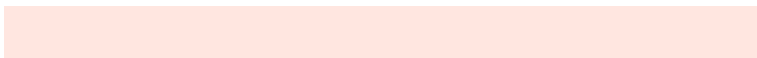
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4368, 86.6342, 107.3539



86.7734, 86.6342, 116.1896



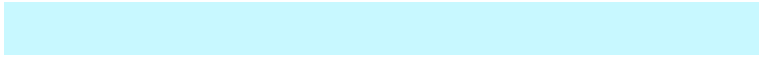
89.6588, 86.6342, 82.4043



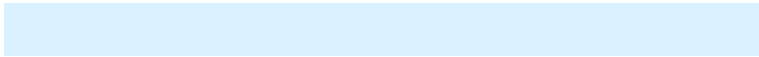
78.0664, 86.6342, 75.3998

Rectangle

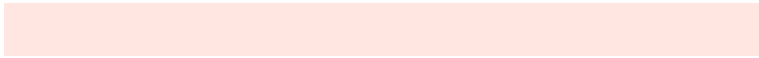
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.4368, 86.6342, 107.3539



81.1144, 86.6342, 119.9644



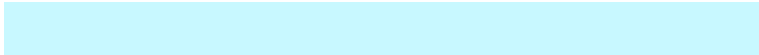
89.6588, 86.6342, 82.4043



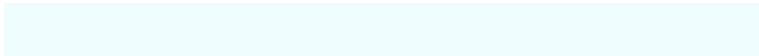
83.5844, 86.6342, 72.6350

Sweetspot

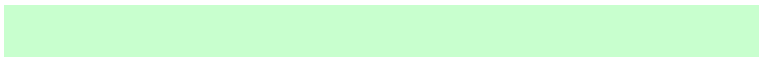
The Sweet Spot groups the original color and five complimentary colors.



75.4391, 86.6376, 107.3544



89.0258, 95.9775, 108.4411



70.7717, 88.2763, 71.9687



18.9206, 20.4525, 23.2005



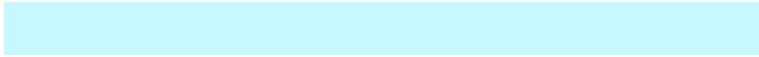
0.0000, 0.0000, 0.0000



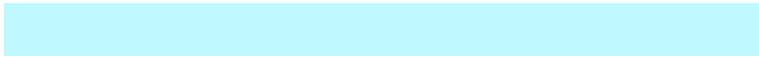
20.3446, 21.4041, 23.3091

Same Dimension

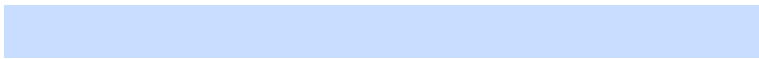
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4391, 86.6376, 107.3544



72.0906, 84.2578, 107.0715



67.7490, 71.2575, 104.7911



18.3461, 20.0639, 23.1557



23.2366, 31.3827, 54.2674



2.3152, 3.1611, 5.3014

Inverse Universe

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



78.8389, 69.3474, 98.0412



76.0949, 64.2150, 96.0302



81.0650, 84.2290, 66.6304



18.6874, 18.2583, 22.2368



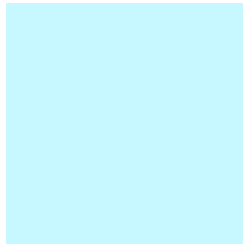
28.5169, 13.8961, 37.7023



2.8032, 1.3637, 3.8111

Previews

White Background



This preview shows how the XYZ color 75.4368, 86.6342, 107.3539 looks on a white background.

Color Contrast Check

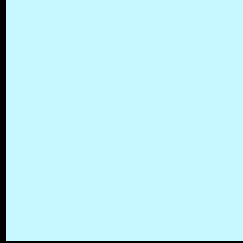
Large Text (above 18pt) WCAG AA × Fail

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 75.4368, 86.6342, 107.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

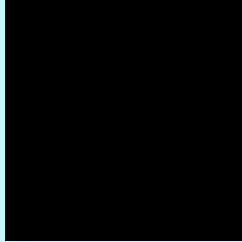
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4368, 86.6342, 107.3539

Background



This preview shows how black text looks on a background with the XYZ color 75.4368, 86.6342, 107.3539.

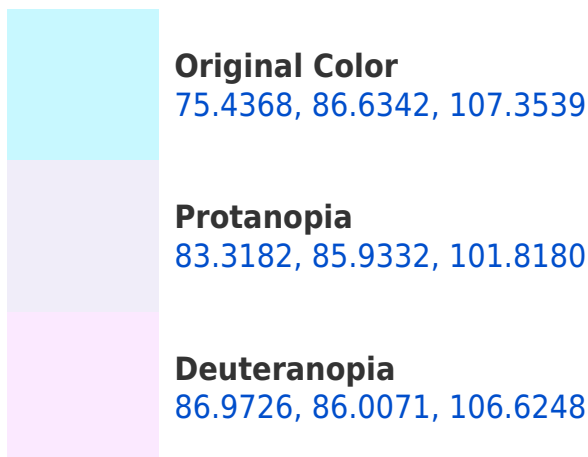


This preview shows how white text looks on a background with the XYZ color 75.4368, 86.6342,

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





Tritanopia

79.3140, 86.3813, 107.1007

Trichromacy



Original Color

75.4368, 86.6342, 107.3539

Protanomaly

79.9192, 85.8832, 103.6317

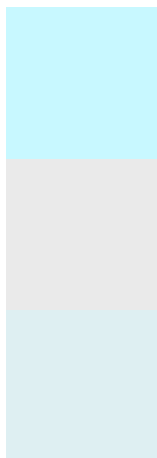
Deuteranomaly

81.9032, 85.5249, 106.7989

Tritanomaly

77.8538, 86.5219, 107.2048

Monochromacy



Original Color

75.4368, 86.6342, 107.3539

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.0177, 83.6734, 96.0957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4368, 86.6342, 107.3539 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(200, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 248, 255)  
}
```

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(200, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.4368, 86.6342, 107.3539 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(200, 248, 255) }
```


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

```
.border{ border-color:rgb(200, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4368, 86.6342, 107.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 248, 255) }
```

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

```
.background{ background-color: rgb(200,  
248, 255) }
```

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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