

Converting Colors

XYZ(74.8828, 87.3616, 96.5540)

Have a look what the booklet for
XYZ(74.8828, 87.3616, 96.5540)
contains.

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Color

**XYZ(75.1145, 87.6194,
96.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	CCFAF2
RGB	204, 250, 242
RGB Percent	80%, 98%, 95%
CMY	0.2000, 0.0196, 0.0510
CMYK	0.18, 0.00, 0.03, 0.02
HSL	170°, 82%, 89%
HSV	170°, 18%, 98%
XYZ	75.1145, 87.6194, 96.9577
YIQ	235.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

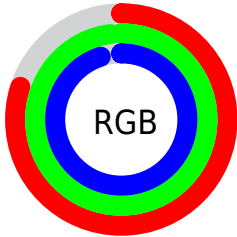
Format	Color
R_{YB}	204, 229, 250
Decimal	13433586
CIE _{Lab}	95.00, -16.18, -1.03
CIE _{LCh}	95, 16.210, 183.658
Yxy	87.6194, 0.2892, 0.3374
Android (android.graphics.Color)	4291623666 (0xFFCCFAF2)
YUV	235.3340, 3.2863, -27.4799
Hunter-Lab	93.6052, -20.5700, 4.1102

Details

The XYZ color **75.1145, 87.6194, 96.9577** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.9040, 68.2656, 71.6253**, and the grayscale version is **79.2114, 83.3366, 90.7536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3273, 48.0747, 53.6082** is the 20% darker color. If you saturate the color by 10%, you get **68.1596, 84.1110, 93.2640**, and if you desaturate by 10%, it is **83.1898, 91.7083, 100.7886**.

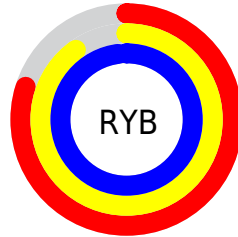
Distribution



Red (80%)

Green (98%)

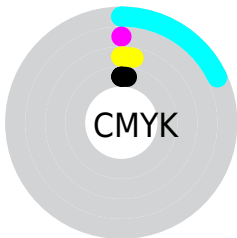
Blue (95%)



Red (80%)

Yellow (90%)

Blue (98%)

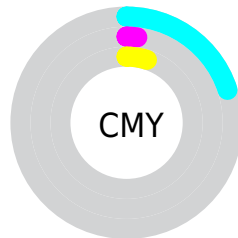


Cyan (18%)

Magenta (0%)

Yellow (3%)

Black (2%)



Cyan (20%)

Magenta (2%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1145, 87.6194, 96.9577 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 75.1145, 87.6194, 96.9577 by changing the saturation by 10% instead.

75.1145, 87.6194,
96.9577

75.1145, 87.6194,
96.9577

467.3021,
520.2560, 571.5572

56.0012, 66.0079,
73.1596

125.4615,
144.0272, 158.9853

40.4409, 48.2788,
53.6138

157.4259,
179.5922, 198.0518

28.0682, 34.0477,
37.9019

194.4046,
220.5773, 243.0448

18.5178, 22.9303,
25.6054

236.7632,
267.3667, 294.3830

11.4243, 14.5420,
16.3055

284.8669,
320.3449, 352.4847

6.4224, 8.4986,
9.5839

339.0810,

3.1467, 4.4156,

379.8963, 417.7687

5.0220

399.7710,
446.4052, 490.6533

■ 1.2318, 1.9087,
2.2012

■ 0.1312, 0.5536,
0.6751

■ 75.1145, 87.6194,
96.9577

■ 75.1145, 87.6194,
96.9577

■ 68.1596, 84.1110,
93.2640

■ 83.1898, 91.7083,
100.7886

■ 62.2652, 81.1451,
89.6987

■ 92.4270, 96.3921,
104.7537

■ 57.3770, 78.6961,
86.2604

■ 93.4772, 96.8544,
108.3757

■ 53.4328, 76.7321,
82.9458

■ 50.3636, 75.2175,
79.7510

■ 48.0909, 74.1116,
76.6717

■ 46.5215, 73.3666,
73.7030

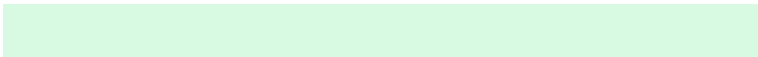
■ 45.5249, 72.9153,
70.8383

■ 45.3899, 72.8555,
70.3884

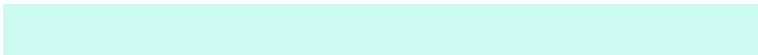
Harmonies

Analogous

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



75.9218, 87.6194, 85.0448



75.1145, 87.6194, 96.9577



76.4307, 87.6194, 109.4793

Triad

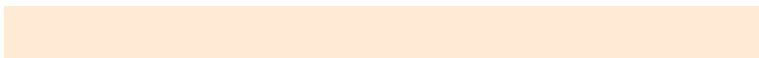
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.1145, 87.6194, 96.9577



88.0597, 87.6194, 117.0372



87.0924, 87.6194, 75.2848

Complementary

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



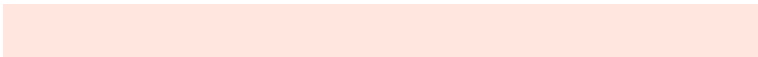
75.1145, 87.6194, 96.9577



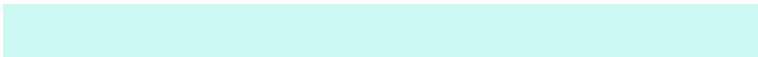
72.9040, 68.2656, 71.6253

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.



90.5259, 87.6194, 82.5875



75.1145, 87.6194, 96.9577



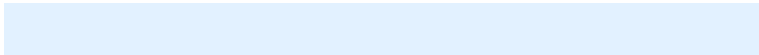
91.0981, 87.6194, 106.5691

Square

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



75.1145, 87.6194, 96.9577



83.8208, 87.6194, 121.6983



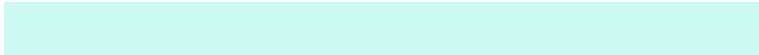
92.0160, 87.6194, 93.8643



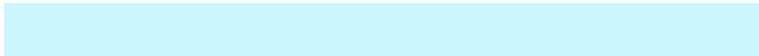
82.7407, 87.6194, 73.1970

Rectangle

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



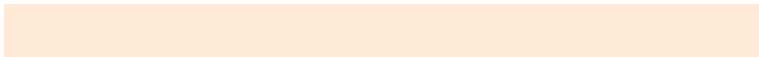
75.1145, 87.6194, 96.9577



78.3634, 87.6194, 116.2924



92.0160, 87.6194, 93.8643



88.3973, 87.6194, 77.1775

Sweetspot

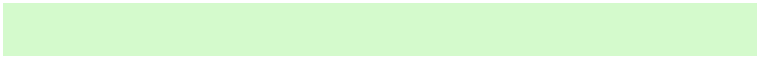
The Sweet Spot groups the original color and five complimentary colors.



75.1170, 87.6230, 96.9597



89.2178, 97.0425, 106.4055



72.3639, 86.7961, 70.0677



18.9661, 20.7052, 22.7177



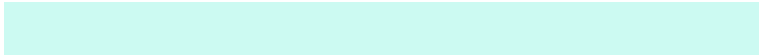
0.0000, 0.0000, 0.0000



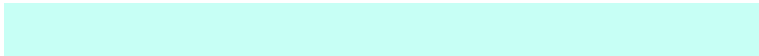
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1170, 87.6230, 96.9597



75.8048, 90.2557, 100.0042



71.9924, 79.4077, 101.9795



17.6286, 19.5537, 21.5106



24.1229, 38.6622, 37.5863



2.2672, 3.5940, 3.6547

Inverse Universe

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



72.9040, 68.2656, 71.6253



73.1070, 66.6475, 69.1122



75.5450, 75.1236, 67.6470



17.3678, 17.2745, 18.5268



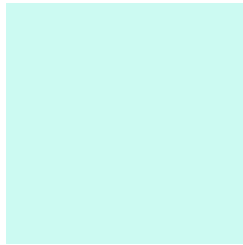
21.1840, 10.8893, 2.4117



1.9952, 1.0218, 0.3981

Previews

White Background



This preview shows how the XYZ color 75.1145, 87.6194, 96.9577 looks on a white background.

Color Contrast Check

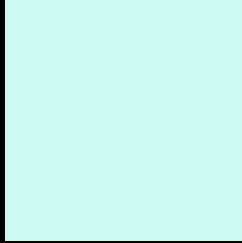
Large Text (above 18pt) WCAG AA × Fail

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 75.1145, 87.6194, 96.9577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

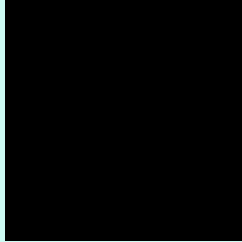
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

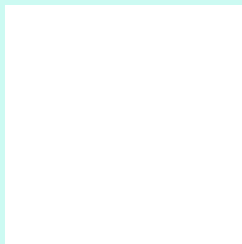
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.1145, 87.6194, 96.9577

Background



This preview shows how black text looks on a background with the XYZ color 75.1145, 87.6194, 96.9577.



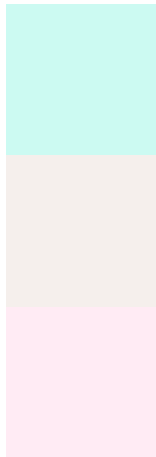
This preview shows how white text looks on a background with the XYZ color 75.1145, 87.6194,

96.9577.

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

75.1145, 87.6194, 96.9577

Protanopia

83.6630, 87.2016, 91.7790

Deuteranopia

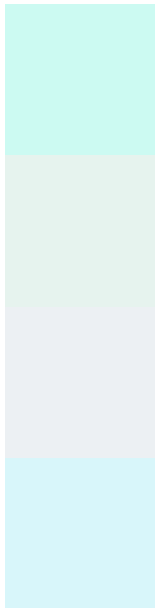
87.2775, 87.2083, 97.8208



Tritanopia

80.8321, 87.6093, 107.2577

Trichromacy



Original Color

75.1145, 87.6194, 96.9577

Protanomaly

80.1163, 87.0972, 93.4778

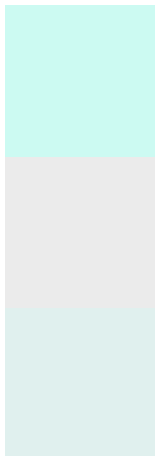
Deuteranomaly

81.9298, 86.6241, 97.1960

Tritanomaly

78.5300, 87.4126, 103.1758

Monochromacy



Original Color

75.1145, 87.6194, 96.9577

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.3332, 84.3405, 93.0924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1145, 87.6194, 96.9577 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(204, 250, 242)` looks like.

```
.text, #text, p{  
    color:rgb(204, 250, 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(204, 250, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 250, 242) }
```

Border

The CSS property to change the border of an element to XYZ 75.1145, 87.6194, 96.9577 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(204, 250, 242) }
```


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

```
.border{ border-color:rgb(204, 250, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 250, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 250, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 250, 242);  
box-shadow:4px 4px 4px 4px rgb(204, 250,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1145, 87.6194, 96.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 250, 242) }
```

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

```
.background{ background-color: rgb(204,  
250, 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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