

Converting Colors

XYZ(73.1016, 84.0765, 94.7979)

Have a look what the booklet for
XYZ(73.1016, 84.0765, 94.7979)
contains.

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Color

**XYZ(72.9807, 83.8300,
94.7724)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF4F0
RGB	204, 244, 240
RGB Percent	80%, 96%, 94%
CMY	0.2000, 0.0431, 0.0588
CMYK	0.16, 0.00, 0.02, 0.04
HSL	174°, 65%, 88%
HSV	174°, 16%, 96%
XYZ	72.9807, 83.8300, 94.7724
YIQ	231.5840, -22.5560, -9.7240

Conversions

Conversions Part 2

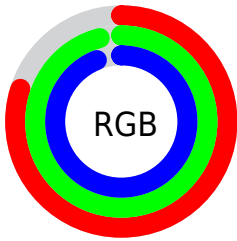
Format	Color
R_{YB}	204, 225, 244
Decimal	13432048
CIE _{Lab}	93.38, -13.60, -2.38
CIE _{LCh}	93, 13.804, 189.917
Yxy	83.8300, 0.2901, 0.3332
Android (android.graphics.Color)	4291622128 (0xFFCCCF4F0)
YUV	231.5840, 4.1491, -24.1912
Hunter-Lab	91.5587, -17.9469, 2.7201

Details

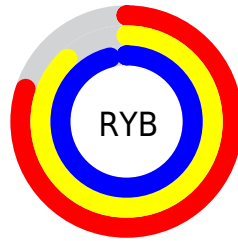
The XYZ color **72.9807, 83.8300, 94.7724** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.2893, 66.9752, 68.9010**, and the grayscale version is **76.3749, 80.3523, 87.5037**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0294, 45.8167, 52.1338** is the 20% darker color. If you saturate the color by 10%, you get **66.4500, 80.5072, 92.5874**, and if you desaturate by 10%, it is **80.5688, 87.7018, 97.0359**.

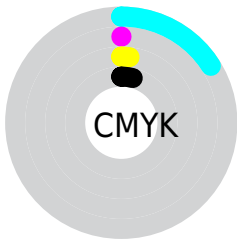
Distribution



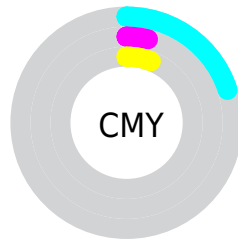
- Red (80%)
- Green (96%)
- Blue (94%)



- Red (80%)
- Yellow (88%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.9807, 83.8300, 94.7724 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 72.9807, 83.8300, 94.7724 by changing the saturation by 10% instead.

72.9807, 83.8300,
94.7724

72.9807, 83.8300,
94.7724

460.0527,
507.7485, 564.4018

54.2485, 62.8751,
71.3497

122.4531,
138.7373, 155.9430

39.0318, 45.7402,
52.1441

153.9240,
173.4586, 194.5280

26.9653, 32.0408,
36.7369

190.3718,
213.5374, 239.0042

17.6836, 21.3927,
24.7096

232.1620,
259.3581, 289.7901

10.8214, 13.4113,
15.6438

279.6598,
311.3052, 347.3043

6.0133, 7.7124,
9.1208

333.2306,

2.8939, 3.9115,

369.7630, 411.9653

4.7222

393.2398,
435.1160, 484.1916

■ 1.0979, 1.6242,
2.0293

■ 0.0234, 0.3738,
0.5732

■ 72.9807, 83.8300,
94.7724

■ 72.9807, 83.8300,
94.7724

■ 66.4500, 80.5072,
92.5874

■ 80.5688, 87.7018,
97.0359

■ 60.9209, 77.6979,
90.4729

■ 89.2526, 92.1357,
99.3745

■ 56.3432, 75.3785,
88.4282

■ 90.4313, 92.7000,
101.3875

■ 52.6596, 73.5195,
86.4506

■ 90.8114, 92.8521,
103.3890

■ 49.8066, 72.0881,
84.5369

■ 91.1964, 93.0061,
105.4165

■ 47.7124, 71.0474,
82.6837

■ 91.5864, 93.1621,
107.4703

■ 46.2927, 70.3538,
80.8870

■ 91.6422, 93.1844,
107.7641

■ 45.4425, 69.9532,
79.1417

■ 45.2157, 69.8498,
78.5222

Harmonies

Analogous

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



73.2838, 83.8300, 84.5656



72.9807, 83.8300, 94.7724



74.4297, 83.8300, 104.7519

Triad

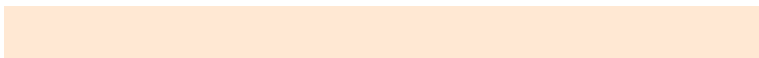
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9807, 83.8300, 94.7724



84.2537, 83.8300, 107.5288



82.1053, 83.8300, 73.7161

Complementary

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



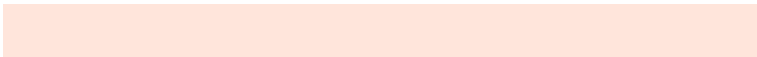
72.9807, 83.8300, 94.7724



70.2893, 66.9752, 68.9010

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.



85.1671, 83.8300, 79.0096



72.9807, 83.8300, 94.7724



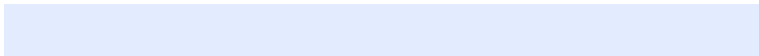
86.4335, 83.8300, 98.3336

Square

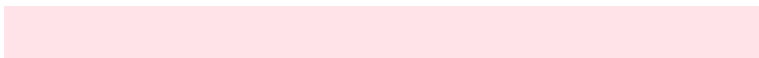
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.9807, 83.8300, 94.7724



80.8894, 83.8300, 112.4787



86.7728, 83.8300, 87.8679



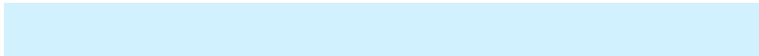
78.4786, 83.8300, 72.9218

Rectangle

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



72.9807, 83.8300, 94.7724



76.2210, 83.8300, 109.7423



86.7728, 83.8300, 87.8679



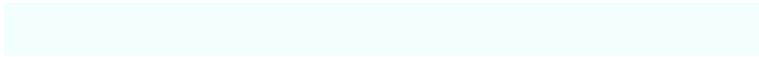
83.2377, 83.8300, 75.0080

Sweetspot

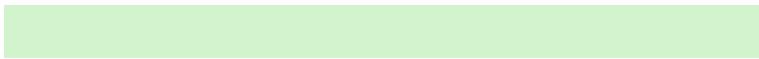
The Sweet Spot groups the original color and five complimentary colors.



72.9831, 83.8335, 94.7743



90.3090, 97.5796, 107.6093



69.4526, 82.5713, 69.4055



19.1925, 20.8160, 22.9944



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

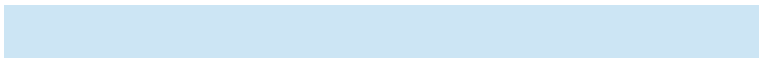
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9831, 83.8335, 94.7743



77.9009, 91.2530, 103.8649



69.1606, 75.2262, 96.4669



16.9210, 18.7275, 20.8684



24.6138, 37.9904, 42.8477



2.1836, 3.3471, 3.8727

Inverse Universe

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



70.2893, 66.9752, 68.9010



74.3544, 69.0543, 69.7990



73.6288, 74.4326, 67.6145



16.5665, 16.5095, 17.4638



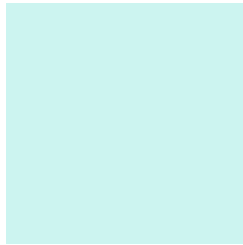
20.4006, 10.5037, 1.5518



1.8151, 0.9320, 0.2528

Previews

White Background



This preview shows how the XYZ color 72.9807, 83.8300, 94.7724 looks on a white background.

Color Contrast Check

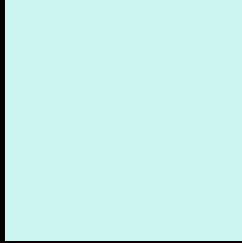
Large Text (above 18pt) WCAG AA × Fail

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 72.9807, 83.8300, 94.7724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

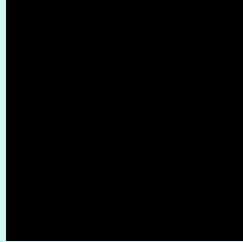
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.9807, 83.8300, 94.7724

Background



This preview shows how black text looks on a background with the XYZ color 72.9807, 83.8300, 94.7724.



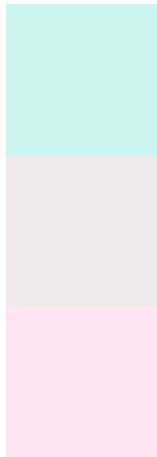
This preview shows how white text looks on a background with the XYZ color 72.9807, 83.8300,

94.7724.

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

72.9807, 83.8300, 94.7724

Protanopia

80.2093, 83.3114, 89.6951

Deuteranopia

85.1611, 83.2179, 96.3682



Tritanopia

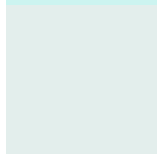
76.9416, 83.8363, 106.7345

Trichromacy



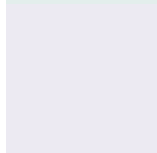
Original Color

72.9807, 83.8300, 94.7724



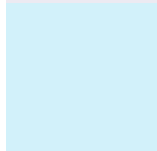
Protanomaly

77.3934, 83.5361, 91.4019



Deuteranomaly

80.0419, 83.0893, 95.8236



Tritanomaly

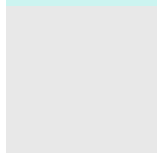
75.2890, 83.5144, 102.5942

Monochromacy



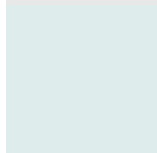
Original Color

72.9807, 83.8300, 94.7724



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

75.1150, 81.5187, 90.3730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.9807, 83.8300, 94.7724 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, 244, 240)` looks like.

```
.text, #text, p{  
    color:rgb(204, 244, 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(204, 244, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 244, 240) }
```

Border

The CSS property to change the border of an element to XYZ 72.9807, 83.8300, 94.7724 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, 244, 240) }
```


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

```
.border{ border-color:rgb(204, 244, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 244, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 244, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 244, 240);  
box-shadow:4px 4px 4px 4px rgb(204, 244,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 72.9807, 83.8300, 94.7724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 244, 240) }
```

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

```
.background{ background-color: rgb(204,  
244, 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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