

Converting Colors

XYZ(75.7272, 87.9630, 96.0943)

Have a look what the booklet for
XYZ(75.7272, 87.9630, 96.0943)
contains.

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Color

**XYZ(75.7949, 87.9875,
96.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFAF1
RGB	207, 250, 241
RGB Percent	81%, 98%, 95%
CMY	0.1882, 0.0196, 0.0549
CMYK	0.17, 0.00, 0.04, 0.02
HSL	167°, 81%, 90%
HSV	167°, 17%, 98%
XYZ	75.7949, 87.9875, 96.2076
YIQ	236.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

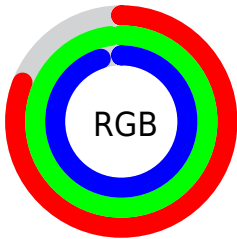
Format	Color
R_{YB}	207, 231, 250
Decimal	13630193
CIE _{Lab}	95.16, -15.45, -0.27
CIE _{LCh}	95, 15.457, 180.998
Yxy	87.9875, 0.2915, 0.3384
Android (android.graphics.Color)	4291820273 (0xFFCFFAF1)
YUV	236.1170, 2.4073, -25.5356
Hunter-Lab	93.8017, -19.9189, 4.8504

Details

The XYZ color **75.7949, 87.9875, 96.2076** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1349, 69.9098, 74.5561**, and the grayscale version is **79.8151, 83.9717, 91.4451**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7758, 48.3181, 53.0762** is the 20% darker color. If you saturate the color by 10%, you get **68.5856, 84.3624, 91.8487**, and if you desaturate by 10%, it is **84.1376, 92.1990, 100.7406**.

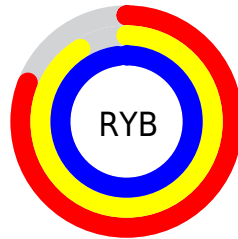
Distribution



Red (81%)

Green (98%)

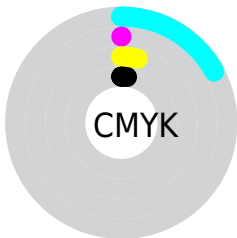
Blue (95%)



Red (81%)

Yellow (91%)

Blue (98%)

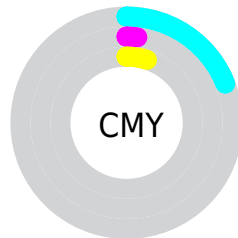


Cyan (17%)

Magenta (0%)

Yellow (4%)

Black (2%)



Cyan (19%)

Magenta (2%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7949, 87.9875, 96.2076 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 75.7949, 87.9875, 96.2076 by changing the saturation by 10% instead.

75.7949, 87.9875,
96.2076

75.7949, 87.9875,
96.2076

469.6005,
521.4623, 569.1066

56.5608, 66.3127,
72.5380

126.4188,
144.5398, 157.9418

40.8915, 48.5263,
53.1088

158.5394,
180.1860, 196.8435

28.4216, 34.2439,
37.5013

195.6862,
221.2582, 241.6597

18.7858, 23.0810,
25.2970

238.2245,
268.1408, 292.8089

11.6187, 14.6533,
16.0775

286.5197,
321.2181, 350.7097

6.5549, 8.5764,
9.4240

340.9373,

3.2292, 4.4660,

380.8745, 415.7805

4.9182

401.8424,
447.4944, 488.4400

■ 1.2761, 1.9375,
2.1415

■ 0.1652, 0.5708,
0.6403

■ 75.7949, 87.9875,
96.2076

■ 75.7949, 87.9875,
96.2076

■ 68.5856, 84.3624,
91.8487

■ 84.1376, 92.1990,
100.7406

■ 62.4500, 81.2859,
87.6545

■ 92.9141, 96.6292,
105.4102

■ 57.3345, 78.7326,
83.6233

■ 93.4772, 96.8545,
108.3757

■ 53.1775, 76.6710,
79.7514

■ 49.9108, 75.0659,
76.0344

■ 47.4571, 73.8773,
72.4679

■ 45.7254, 73.0585,
69.0464

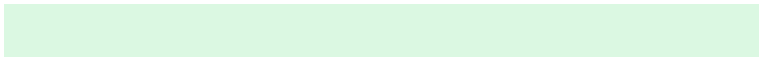
■ 44.5985, 72.5491,
65.7634

■ 44.3414, 72.4361,
64.8668

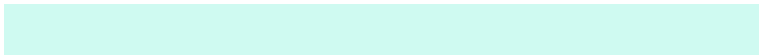
Harmonies

Analogous

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



76.7483, 87.9875, 84.9981



75.7949, 87.9875, 96.2076



76.8815, 87.9875, 108.2443

Triad

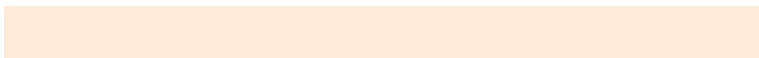
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7949, 87.9875, 96.2076



87.8676, 87.9875, 117.0791



87.6155, 87.9875, 76.9260

Complementary

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



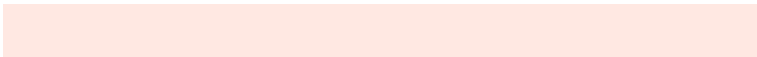
75.7949, 87.9875, 96.2076



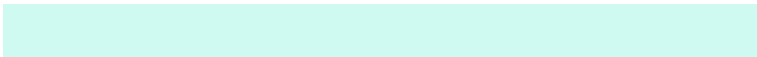
74.1349, 69.9098, 74.5561

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.



90.7612, 87.9875, 84.3543



75.7949, 87.9875, 96.2076



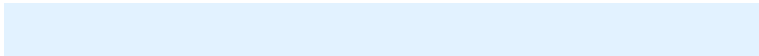
90.9102, 87.9875, 107.4877

Square

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



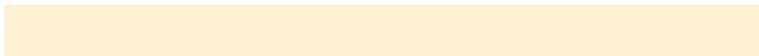
75.7949, 87.9875, 96.2076



83.7705, 87.9875, 120.8999



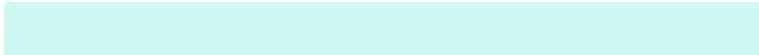
91.9862, 87.9875, 95.4004



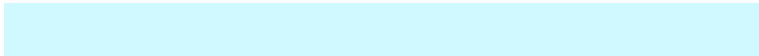
83.4886, 87.9875, 74.4450

Rectangle

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



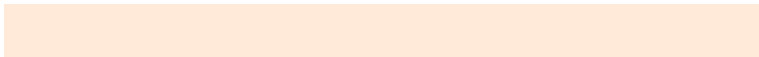
75.7949, 87.9875, 96.2076



78.6382, 87.9875, 114.9703



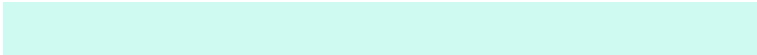
91.9862, 87.9875, 95.4004



88.8276, 87.9875, 78.8947

Sweetspot

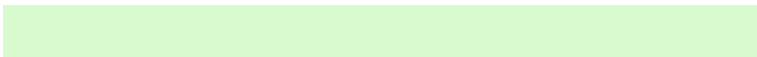
The Sweet Spot groups the original color and five complimentary colors.



75.7974, 87.9912, 96.2096



90.0870, 97.4908, 106.4399



73.8634, 87.5272, 72.0343



19.1384, 20.7943, 22.7093



0.0000, 0.0000, 0.0000



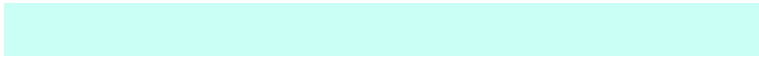
20.3446, 21.4041, 23.3091

Same Dimension

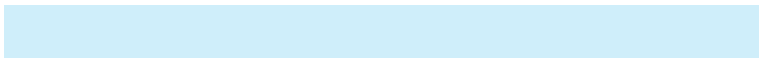
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7974, 87.9912, 96.2096



76.2656, 90.5188, 98.8719



73.5113, 81.2131, 102.2480



17.6010, 19.5427, 21.3655



23.5733, 38.4423, 34.6921



2.2210, 3.5755, 3.4114

Inverse Universe

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



74.1349, 69.9098, 74.5561



74.1990, 68.0303, 71.9463



76.0691, 75.5904, 69.6140



17.3933, 17.2847, 18.6606



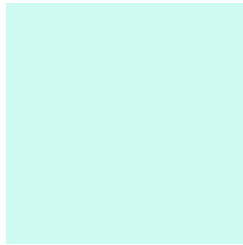
21.2866, 10.9304, 2.9517



2.0083, 1.0270, 0.4669

Previews

White Background



This preview shows how the XYZ color 75.7949, 87.9875, 96.2076 looks on a white background.

Color Contrast Check

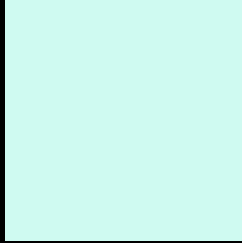
Large Text (above 18pt) WCAG AA × Fail

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 75.7949, 87.9875, 96.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

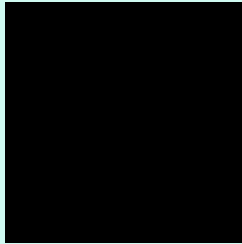
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

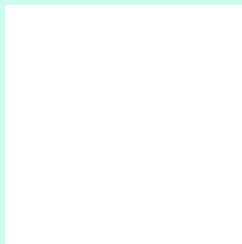
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7949, 87.9875, 96.2076

Background



This preview shows how black text looks on a background with the XYZ color 75.7949, 87.9875, 96.2076.



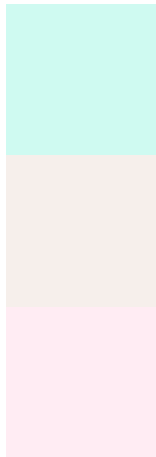
This preview shows how white text looks on a background with the XYZ color 75.7949, 87.9875,

96.2076.

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

75.7949, 87.9875, 96.2076

Protanopia

83.8679, 87.3240, 91.0322

Deuteranopia

87.4131, 87.7220, 97.1189



Tritanopia

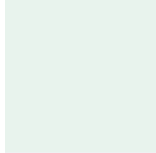
81.4520, 87.9289, 107.2867

Trichromacy



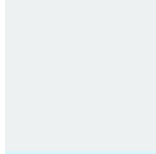
Original Color

75.7949, 87.9875, 96.2076



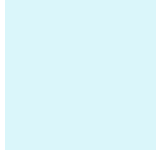
Protanomaly

80.6154, 87.3714, 92.7362



Deuteranomaly

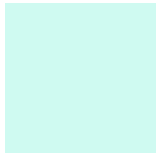
82.7422, 87.4985, 96.5323



Tritanomaly

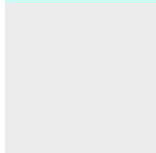
79.1245, 87.7191, 103.2036

Monochromacy



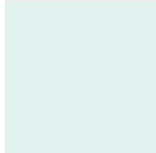
Original Color

75.7949, 87.9875, 96.2076



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.9393, 85.0912, 93.2053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7949, 87.9875, 96.2076 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(207, 250, 241)` looks like.

```
.text, #text, p{  
    color:rgb(207, 250, 241)  
}
```

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(207, 250, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 250, 241) }
```

Border

The CSS property to change the border of an element to XYZ 75.7949, 87.9875, 96.2076 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(207, 250, 241) }
```


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

```
.border{ border-color:rgb(207, 250, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 250, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 250, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 250, 241);  
box-shadow:4px 4px 4px 4px rgb(207, 250,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7949, 87.9875, 96.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 250, 241) }
```

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

```
.background{ background-color: rgb(207,  
250, 241) }
```

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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