

Converting Colors

XYZ(75.9394, 85.8084, 94.0947)

Have a look what the booklet for
XYZ(75.9394, 85.8084, 94.0947)
contains.

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Color

**XYZ(75.9640, 85.8330,
94.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F5EF
RGB	214, 245, 239
RGB Percent	84%, 96%, 94%
CMY	0.1608, 0.0392, 0.0627
CMYK	0.13, 0.00, 0.02, 0.04
HSL	168°, 61%, 90%
HSV	168°, 13%, 96%
XYZ	75.9640, 85.8330, 94.2250
YIQ	235.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

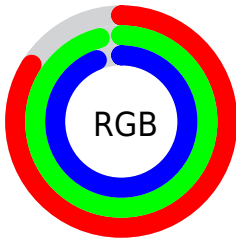
Format	Color
R _{YB}	214, 231, 245
Decimal	14087663
CIE Lab	94.24, -11.17, -0.52
CIE LCh	94, 11.179, 182.660
Yxy	85.8330, 0.2967, 0.3353
Android (android.graphics.Color)	4292277743 (0xFFD6F5EF)
YUV	235.0470, 1.9488, -18.4582
Hunter-Lab	92.6461, -15.7719, 4.5518

Details

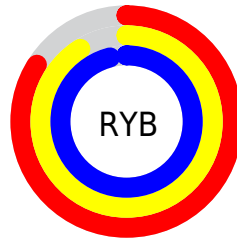
The XYZ color **75.9640, 85.8330, 94.2250** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.6242, 72.6753, 77.8088**, and the grayscale version is **78.9981, 83.1122, 90.5092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0429, 47.1850, 51.7442** is the 20% darker color. If you saturate the color by 10%, you get **68.6532, 82.1464, 90.2732**, and if you desaturate by 10%, it is **84.3735, 90.0886, 98.3278**.

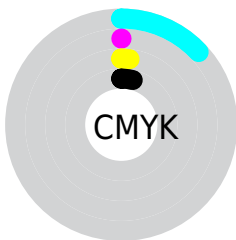
Distribution



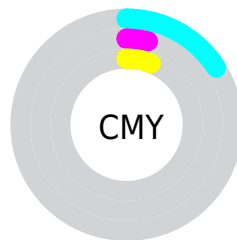
- Red (84%)
- Green (96%)
- Blue (94%)



- Red (84%)
- Yellow (91%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9640, 85.8330, 94.2250 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 75.9640, 85.8330, 94.2250 by changing the saturation by 10% instead.

75.9640, 85.8330,
94.2250

75.9640, 85.8330,
94.2250

470.1707,
514.3804, 562.6018

56.6999, 64.5299,
70.8968

126.6566,
141.5364, 155.1798

41.0036, 47.0800,
51.7767

158.8159,
176.7055, 193.6435

28.5096, 33.0989,
36.4461

196.0044,
217.2654, 237.9895

18.8525, 22.2022,
24.4865

238.5873,
263.6005, 288.6362

11.6671, 14.0056,
15.4794

286.9300,
316.0951, 346.0022

6.5880, 8.1245,
9.0062

341.3979,

3.2498, 4.1747,

375.1337, 410.5062

4.6483

402.3564,
441.1007, 482.5665

■ 1.2872, 1.7718,
1.9873

■ 0.1736, 0.4695,
0.5475

■ 75.9640, 85.8330,
94.2250

■ 75.9640, 85.8330,
94.2250

■ 68.6532, 82.1464,
90.2732

■ 84.3735, 90.0886,
98.3278

■ 62.3859, 78.9933,
86.4638

■ 90.9135, 93.3758,
102.4382

■ 57.1128, 76.3507,
82.7956

■ 91.6611, 93.6749,
106.3749

■ 52.7779, 74.1896,
79.2651

■ 91.9440, 93.7880,
107.8647

■ 49.3195, 72.4783,
75.8687

■ 46.6683, 71.1811,
72.6025

■ 44.7445, 70.2569,
69.4619

■ 43.4515, 69.6558,
66.4416

■ 42.7965, 69.3650,
64.2941

Harmonies

Analogous

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



76.5730, 85.8330, 86.0867



75.9640, 85.8330, 94.2250



76.8295, 85.8330, 102.6422

Triad

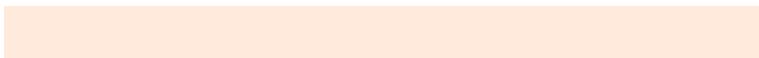
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9640, 85.8330, 94.2250



84.7287, 85.8330, 108.0395



84.2548, 85.8330, 79.5611

Complementary

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



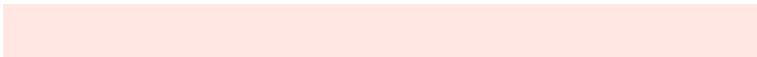
75.9640, 85.8330, 94.2250



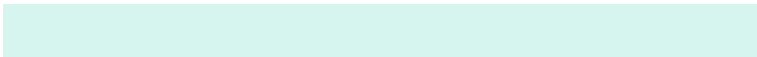
74.6242, 72.6753, 77.8088

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.



86.5259, 85.8330, 84.8378



75.9640, 85.8330, 94.2250



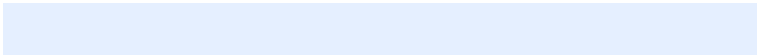
86.8042, 85.8330, 101.2375

Square

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



75.9640, 85.8330, 94.2250



81.8492, 85.8330, 110.9171



87.4697, 85.8330, 92.6943



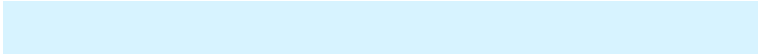
81.3147, 85.8330, 77.9337

Rectangle

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



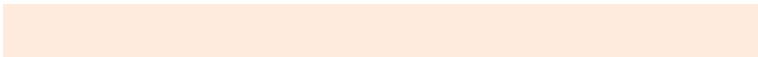
75.9640, 85.8330, 94.2250



78.1388, 85.8330, 107.1910



87.4697, 85.8330, 92.6943



85.1242, 85.8330, 80.9503

Sweetspot

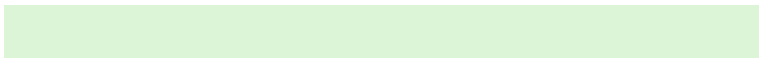
The Sweet Spot groups the original color and five complimentary colors.



75.9664, 85.8366, 94.2269



91.0800, 97.9900, 107.0627



74.3685, 85.4105, 76.1860



19.3399, 20.8954, 22.8425



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

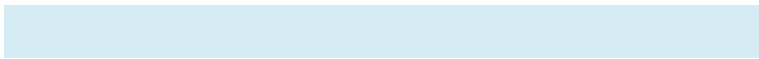
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9664, 85.8366, 94.2269



81.1812, 92.9855, 102.1455



74.1248, 80.7102, 98.0623



16.8511, 18.6996, 20.5000



23.1038, 37.3864, 34.8961



2.0650, 3.2997, 3.2484

Inverse Universe

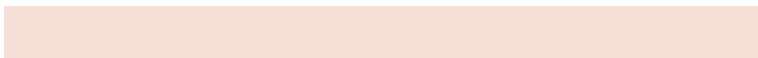
The Inverse Universe completely reimagines the original color for something new.



74.6242, 72.6753, 77.8088



79.4643, 76.1473, 81.1423



76.2647, 77.2061, 74.5025



16.6303, 16.5350, 17.7995



20.6053, 10.5856, 2.6301



1.8455, 0.9441, 0.4125

Previews

White Background



This preview shows how the XYZ color 75.9640, 85.8330, 94.2250 looks on a white background.

Color Contrast Check

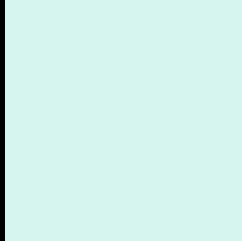
Large Text (above 18pt) WCAG AA × Fail

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 75.9640, 85.8330, 94.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

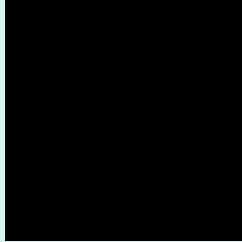
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

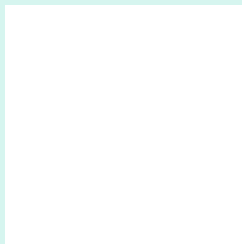
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9640, 85.8330, 94.2250

Background



This preview shows how black text looks on a background with the XYZ color 75.9640, 85.8330, 94.2250.



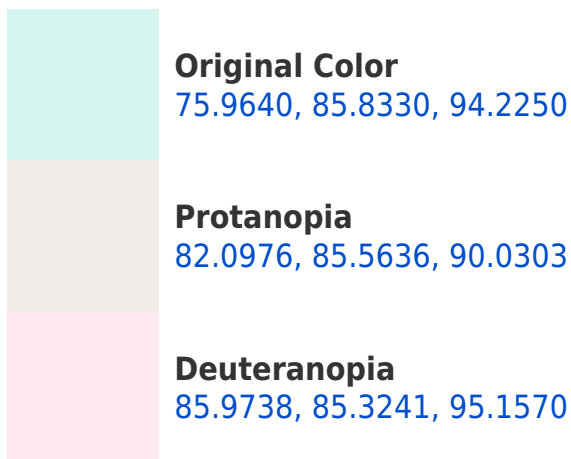
This preview shows how white text looks on a background with the XYZ color 75.9640, 85.8330,

94.2250.

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

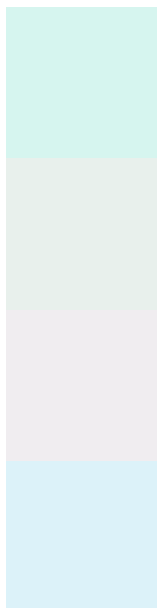




Tritanopia

80.2458, 85.9779, 106.9737

Trichromacy



Original Color

75.9640, 85.8330, 94.2250

Protanomaly

79.5791, 85.5321, 91.6720

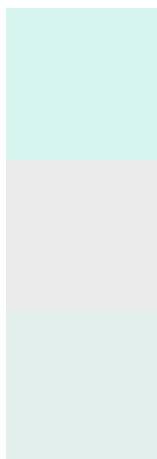
Deuteranomaly

81.9475, 85.3849, 94.5999

Tritanomaly

78.3662, 85.5595, 102.0068

Monochromacy



Original Color

75.9640, 85.8330, 94.2250

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.6854, 84.1200, 91.4992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9640, 85.8330, 94.2250 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(214, 245, 239)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 239)  
}
```

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(214, 245, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.9640, 85.8330, 94.2250 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(214, 245, 239) }
```


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

```
.border{ border-color:rgb(214, 245, 239) }
```

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

Here you see how a box with a 4 pixel rgb(214, 245, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 239);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9640, 85.8330, 94.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 239) }
```

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

```
.background{ background-color: rgb(214,  
245, 239) }
```

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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