

Converting Colors

XYZ(75.5931, 85.2203, 93.8155)

Have a look what the booklet for
XYZ(75.5931, 85.2203, 93.8155)
contains.

XYZ(75.6622, 85.2295, 94.1245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.6622, 85.2295,
94.1245)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F4EF
RGB	214, 244, 239
RGB Percent	84%, 96%, 94%
CMY	0.1608, 0.0431, 0.0627
CMYK	0.12, 0.00, 0.02, 0.04
HSL	170°, 58%, 90%
HSV	170°, 12%, 96%
XYZ	75.6622, 85.2295, 94.1245
YIQ	234.4600, -16.2750, -7.9150

Conversions

Conversions Part 2

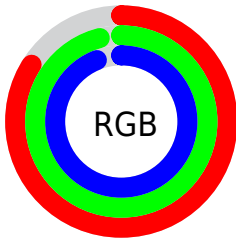
Format	Color
R _Y B	214, 230, 244
Decimal	14087407
CIE Lab	93.98, -10.67, -0.90
CIE LCh	94, 10.704, 184.810
Yxy	85.2295, 0.2967, 0.3342
Android (android.graphics.Color)	4292277487 (0xFFD6F4EF)
YUV	234.4600, 2.2382, -17.9434
Hunter-Lab	92.3198, -15.2671, 4.1749

Details

The XYZ color **75.6622, 85.2295, 94.1245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1440, 72.4429, 77.0966**, and the grayscale version is **78.5497, 82.6404, 89.9954**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8285, 46.7563, 51.6727** is the 20% darker color. If you saturate the color by 10%, you get **68.4737, 81.5947, 90.6866**, and if you desaturate by 10%, it is **83.9358, 89.4268, 97.6874**.

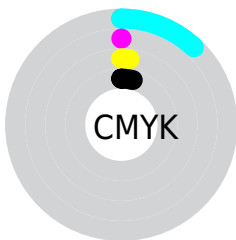
Distribution



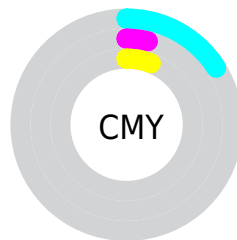
- Red (84%)
- Green (96%)
- Blue (94%)



- Red (84%)
- Yellow (90%)
- Blue (96%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6622, 85.2295, 94.1245 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 75.6622, 85.2295, 94.1245 by changing the saturation by 10% instead.

75.6622, 85.2295,
94.1245

75.6622, 85.2295,
94.1245

469.1527,
512.3872, 562.2709

56.4516, 64.0310,
70.8137

126.2322,
140.6938, 155.0397

40.8036, 46.6758,
51.7092

158.3223,
175.7284, 193.4811

28.3526, 32.7794,
36.3927

195.4364,
216.1438, 237.8031

18.7334, 21.9575,
24.4456

237.9397,
262.3244, 288.4242

11.5807, 13.8257,
15.4492

286.1977,
314.6547, 345.7630

6.5290, 7.9995,
8.9851

340.5756,

3.2130, 4.0947,

373.5190, 410.2380

4.6348

401.4388,
439.3017, 482.2678

■ 1.2674, 1.7267,
1.9797

■ 0.1586, 0.4408,
0.5427

■ 75.6622, 85.2295,
94.1245

■ 75.6622, 85.2295,
94.1245

■ 68.4737, 81.5947,
90.6866

■ 83.9358, 89.4268,
97.6874

■ 62.3157, 78.4872,
87.3654

■ 90.4024, 92.6886,
101.2350

■ 57.1396, 75.8845,
84.1599

■ 91.0379, 92.9428,
104.5813

■ 52.8902, 73.7579,
81.0670

■ 91.6423, 93.1845,
107.7641

■ 49.5068, 72.0762,
78.0834

■ 46.9210, 70.8042,
75.2056

■ 45.0543, 69.9014,
72.4292

■ 43.8121, 69.3190,
69.7494

■ 43.1692, 69.0313,
67.7452

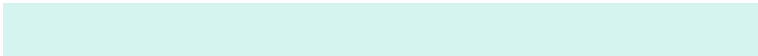
Harmonies

Analogous

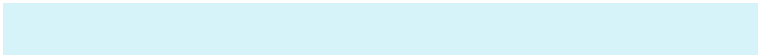
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1434, 85.2295, 86.2712



75.6622, 85.2295, 94.1245



76.5857, 85.2295, 102.0638

Triad

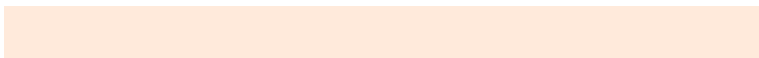
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6622, 85.2295, 94.1245



84.1811, 85.2295, 106.3107



83.3661, 85.2295, 79.2937

Complementary

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



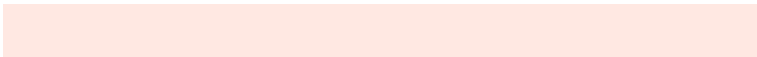
75.6622, 85.2295, 94.1245



74.1440, 72.4429, 77.0966

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.



85.5975, 85.2295, 84.1152



75.6622, 85.2295, 94.1245



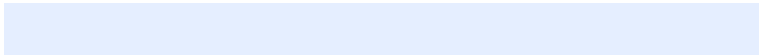
86.0757, 85.2295, 99.6511

Square

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



75.6622, 85.2295, 94.1245



81.4691, 85.2295, 109.3577



86.6000, 85.2295, 91.4888



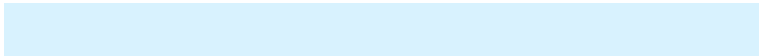
80.5488, 85.2295, 78.0049

Rectangle

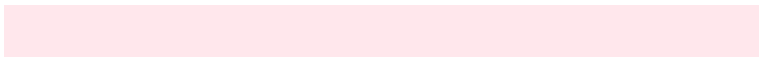
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



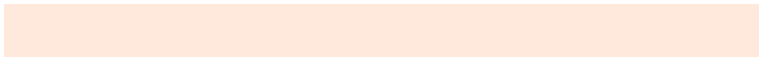
75.6622, 85.2295, 94.1245



77.8868, 85.2295, 106.2453



86.6000, 85.2295, 91.4888



84.2117, 85.2295, 80.5406

Sweetspot

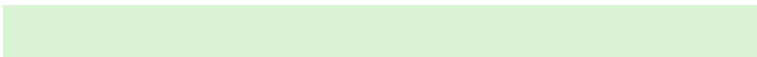
The Sweet Spot groups the original color and five complimentary colors.



75.6646, 85.2331, 94.1264



91.1238, 98.0074, 107.2930



73.8550, 84.6978, 76.0753



19.3510, 20.8999, 22.9010



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.



75.6646, 85.2331, 94.1264



81.3409, 93.0494, 102.9863



73.6286, 79.9616, 97.1456



16.8711, 18.7076, 20.6054



23.5159, 37.5512, 37.0660



2.0977, 3.3127, 3.4201

Inverse Universe

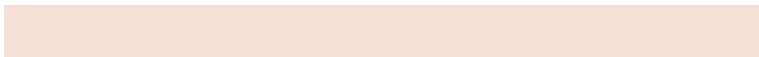
The Inverse Universe completely reimagines the original color for something new.



74.1440, 72.4429, 77.0966



79.3251, 76.0916, 80.4094



75.9702, 77.1337, 74.5038



16.6119, 16.5276, 17.7026



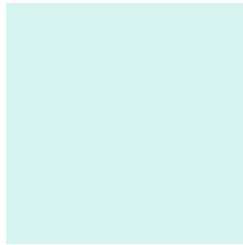
20.5341, 10.5571, 2.2548



1.8365, 0.9406, 0.3656

Previews

White Background



This preview shows how the XYZ color 75.6622, 85.2295, 94.1245 looks on a white background.

Color Contrast Check

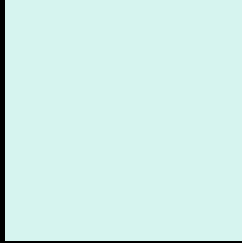
Large Text (above 18pt) WCAG AA × Fail

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 75.6622, 85.2295, 94.1245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

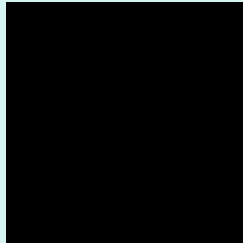
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

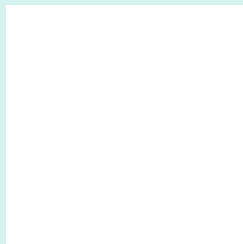
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6622, 85.2295, 94.1245

Background



This preview shows how black text looks on a background with the XYZ color 75.6622, 85.2295, 94.1245.



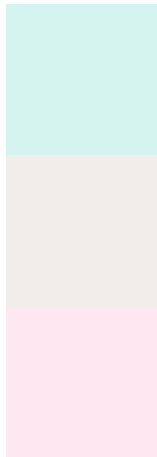
This preview shows how white text looks on a background with the XYZ color 75.6622, 85.2295,

94.1245.

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

75.6622, 85.2295, 94.1245

Protanopia

81.6088, 84.8663, 90.6769

Deuteranopia

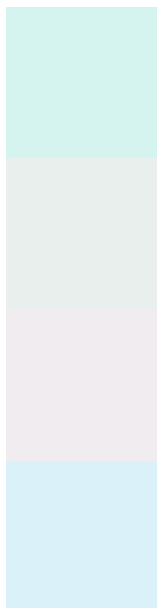
85.6931, 84.7627, 95.0634



Tritanopia

79.3343, 85.0698, 106.8465

Trichromacy



Original Color

75.6622, 85.2295, 94.1245

Protanomaly

79.2855, 84.9449, 91.5741

Deuteranomaly

81.6588, 84.8074, 94.5037

Tritanomaly

77.7676, 84.8102, 101.8938

Monochromacy



Original Color

75.6622, 85.2295, 94.1245

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.3934, 83.5361, 91.4019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6622, 85.2295, 94.1245 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, 244, 239)` looks like.

```
.text, #text, p{  
    color:rgb(214, 244, 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, 244, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 244, 239) }
```

Border

The CSS property to change the border of an element to XYZ 75.6622, 85.2295, 94.1245 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, 244, 239) }
```


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

```
.border{ border-color:rgb(214, 244, 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, 244, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 244, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 244, 239);  
box-shadow:4px 4px 4px 4px rgb(214, 244,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6622, 85.2295, 94.1245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 244, 239) }
```

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

```
.background{ background-color: rgb(214,  
244, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor