

Converting Colors

XYZ(74.6551, 83.4314, 89.7389)

Have a look what the booklet for
XYZ(74.6551, 83.4314, 89.7389)
contains.

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Color

**XYZ(74.6255, 83.4500,
90.0162)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F1EA
RGB	216, 241, 234
RGB Percent	85%, 95%, 92%
CMY	0.1529, 0.0549, 0.0823
CMYK	0.10, 0.00, 0.03, 0.05
HSL	163°, 47%, 90%
HSV	163°, 10%, 95%
XYZ	74.6255, 83.4500, 90.0162
YIQ	232.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

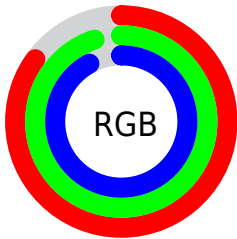
Format	Color
R _Y B	216, 231, 241
Decimal	14217706
CIE Lab	93.21, -9.47, 0.59
CIE LCh	93, 9.488, 176.455
Yxy	83.4500, 0.3008, 0.3364
Android (android.graphics.Color)	4292407786 (0xFFD8F1EA)
YUV	232.7270, 0.6276, -14.6696
Hunter-Lab	91.3510, -14.0458, 5.5220

Details

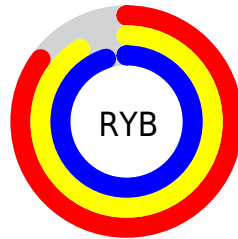
The XYZ color **74.6255, 83.4500, 90.0162** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1538, 73.1425, 80.0255**, and the grayscale version is **77.2511, 81.2741, 88.5075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0828, 45.4893, 48.7872** is the 20% darker color. If you saturate the color by 10%, you get **67.0700, 79.6672, 84.6973**, and if you desaturate by 10%, it is **83.2670, 87.7930, 95.5824**.

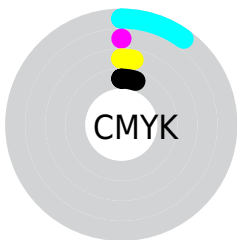
Distribution



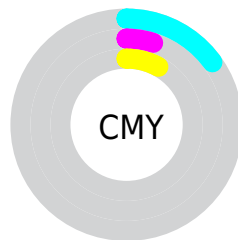
- Red (85%)
- Green (95%)
- Blue (92%)



- Red (85%)
- Yellow (91%)
- Blue (95%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (15%)
- Magenta (5%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6255, 83.4500, 90.0162 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 74.6255, 83.4500, 90.0162 by changing the saturation by 10% instead.

74.6255, 83.4500,
90.0162

74.6255, 83.4500,
90.0162

465.6464,
506.4850, 548.6550

55.5992, 62.5614,
67.4203

124.7728,
138.2055, 149.2966

40.1174, 45.4865,
48.9625

156.6246,
172.8413, 186.8182

27.8147, 31.8408,
34.2244

193.4823,
212.8283, 230.1521

18.3258, 21.2399,
22.7873

235.7112,
258.5509, 279.7168

11.2852, 13.2995,
14.2327

283.6767,
310.3935, 335.9309

6.3277, 7.6351,
8.1421

337.7442,

3.0879, 3.8624,

368.7404, 399.2130

4.0969

398.2790,
433.9761, 469.9815

■ 1.2004, 1.5969,
1.6787

■ 0.1067, 0.3555,
0.3461

■ 74.6255, 83.4500,
90.0162

■ 74.6255, 83.4500,
90.0162

■ 67.0700, 79.6672,
84.6973

■ 83.2670, 87.7930,
95.5824

■ 60.5476, 76.4105,
79.6157

■ 89.5631, 90.9202,
101.2320

■ 55.0119, 73.6583,
74.7690

■ 90.6269, 91.3457,
106.8339

■ 50.4096, 71.3831,
70.1525

■ 90.7468, 91.3937,
107.4656

■ 46.6826, 69.5552,
65.7612

■ 43.7660, 68.1409,
61.5897

■ 41.5855, 67.1022,
57.6323

■ 40.0526, 66.3933,
53.8825

■ 39.0481, 65.9502,
50.4604

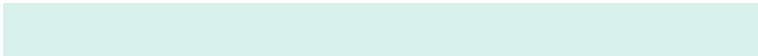
Harmonies

Analogous

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



75.3862, 83.4500, 83.4821



74.6255, 83.4500, 90.0162



75.0999, 83.4500, 97.1204

Triad

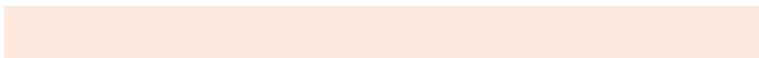
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.6255, 83.4500, 90.0162



81.4726, 83.4500, 103.7232



81.9966, 83.4500, 79.8890

Complementary

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



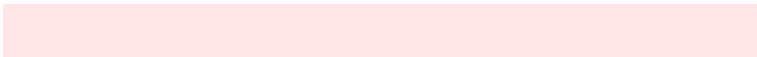
74.6255, 83.4500, 90.0162



74.1538, 73.1425, 80.0255

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.



83.6885, 83.4500, 84.8801



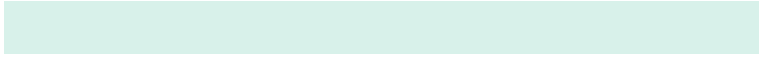
74.6255, 83.4500, 90.0162



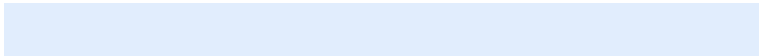
83.3815, 83.4500, 98.6663

Square

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



74.6255, 83.4500, 90.0162



79.0205, 83.4500, 105.2731



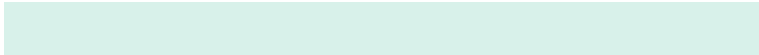
84.2005, 83.4500, 91.7148



79.6136, 83.4500, 77.8315

Rectangle

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



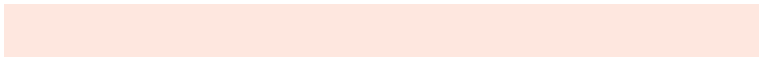
74.6255, 83.4500, 90.0162



76.0583, 83.4500, 101.1869



84.2005, 83.4500, 91.7148



82.6669, 83.4500, 81.2661

Sweetspot

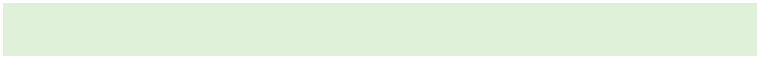
The Sweet Spot groups the original color and five complimentary colors.



74.6279, 83.4535, 90.0180



91.9482, 98.4406, 106.9640



74.3098, 83.5733, 77.1818



19.5074, 20.9833, 22.7849



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.



74.6279, 83.4535, 90.0180



83.3251, 94.1115, 101.3079



74.0744, 80.7043, 94.8965



16.0475, 17.8490, 19.2732



21.2342, 35.7857, 27.6802



1.8086, 2.9939, 2.5247

Inverse Universe

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



74.1538, 73.1425, 80.0255



82.7071, 80.6681, 88.2805



74.6397, 75.5943, 75.6243



15.9548, 15.8316, 17.3180



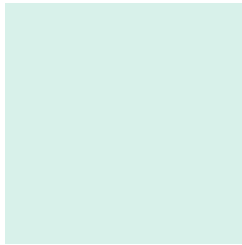
20.2785, 10.3838, 4.1170



1.7279, 0.8802, 0.5579

Previews

White Background



This preview shows how the XYZ color 74.6255, 83.4500, 90.0162 looks on a white background.

Color Contrast Check

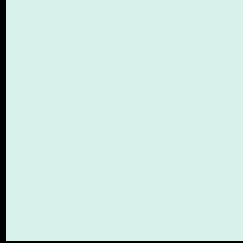
Large Text (above 18pt) WCAG AA × Fail

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 74.6255, 83.4500, 90.0162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

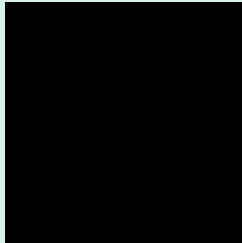
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

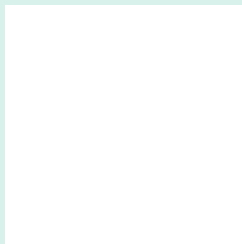
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6255, 83.4500, 90.0162

Background



This preview shows how black text looks on a background with the XYZ color 74.6255, 83.4500, 90.0162.



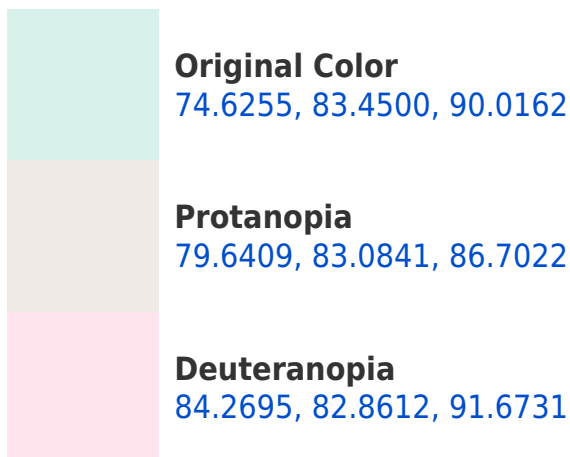
This preview shows how white text looks on a background with the XYZ color 74.6255, 83.4500,

90.0162.

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

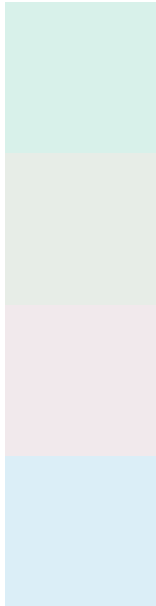




Tritanopia

78.1530, 83.1605, 106.5402

Trichromacy



Original Color

74.6255, 83.4500, 90.0162

Protanomaly

77.6630, 83.3268, 87.5917

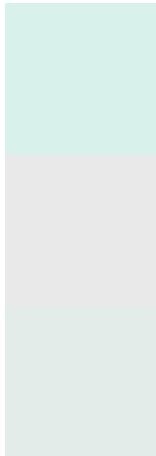
Deuteranomaly

80.5549, 83.0347, 91.1385

Tritanomaly

76.5765, 82.9245, 99.9657

Monochromacy



Original Color

74.6255, 83.4500, 90.0162

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.3820, 82.2050, 88.9322

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6255, 83.4500, 90.0162 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(216, 241, 234)` looks like.

```
.text, #text, p{  
    color:rgb(216, 241, 234)  
}
```

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(216, 241, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 241, 234) }
```

Border

The CSS property to change the border of an element to XYZ 74.6255, 83.4500, 90.0162 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(216, 241, 234) }
```


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

```
.border{ border-color:rgb(216, 241, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 241, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 241, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 241, 234);  
box-shadow:4px 4px 4px 4px rgb(216, 241,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6255, 83.4500, 90.0162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 241, 234) }
```

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

```
.background{ background-color: rgb(216,  
241, 234) }
```

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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