

Converting Colors

XYZ(75.2284, 82.7913, 97.8627)

Have a look what the booklet for
XYZ(75.2284, 82.7913, 97.8627)
contains.

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Color

**XYZ(75.2200, 82.7117,
97.5884)**

Conversions

Conversions Part 1

Format	Color
Hex	D7EFF4
RGB	215, 239, 244
RGB Percent	84%, 94%, 96%
CMY	0.1569, 0.0627, 0.0431
CMYK	0.12, 0.02, 0.00, 0.04
HSL	190°, 57%, 90%
HSV	190°, 12%, 96%
XYZ	75.2200, 82.7117, 97.5884
YIQ	232.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

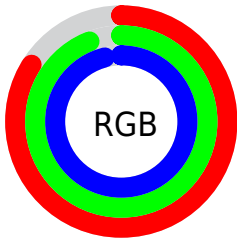
Format	Color
R _Y B	215, 228, 244
Decimal	14151668
CIE Lab	92.89, -6.86, -5.09
CIE LCh	93, 8.540, 216.605
Yxy	82.7117, 0.2944, 0.3237
Android (android.graphics.Color)	4292341748 (0xFFD7EFF4)
YUV	232.3940, 5.7218, -15.2545
Hunter-Lab	90.9460, -11.5209, 0.0418

Details

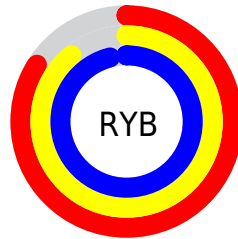
The XYZ color **75.2200, 82.7117, 97.5884** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1678, 75.3257, 74.8691**, and the grayscale version is **76.9659, 80.9741, 88.1808**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5078, 44.9714, 54.1223** is the 20% darker color. If you saturate the color by 10%, you get **67.3667, 76.8593, 96.8740**, and if you desaturate by 10%, it is **84.1753, 89.1791, 98.3660**.

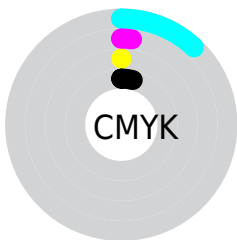
Distribution



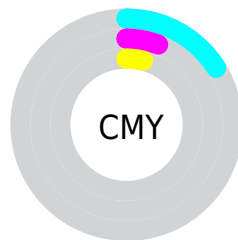
- Red (84%)
- Green (94%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2200, 82.7117, 97.5884 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 75.2200, 82.7117, 97.5884 by changing the saturation by 10% instead.

75.2200, 82.7117,
97.5884

75.2200, 82.7117,
97.5884

467.6589,
504.0252, 573.6133

56.0880, 61.9523,
73.6824

125.6100,
137.1716, 159.8620

40.5107, 44.9942,
54.0389

157.5986,
171.6409, 199.0667

28.1230, 31.4529,
38.2394

194.6035,
211.4491, 244.2080

18.5593, 20.9439,
25.8653

236.9900,
256.9803, 295.7045

11.4544, 13.0830,
16.4980

285.1234,
308.6192, 353.9748

6.4429, 7.4857,
9.7191

339.3691,

3.1594, 3.7677,

366.7500, 419.4373

5.1099

400.0925,
431.7572, 492.5106

■ 1.2386, 1.5445,
2.2520

■ 0.1365, 0.3197,
0.7042

■ 75.2200, 82.7117,
97.5884

■ 75.2200, 82.7117,
97.5884

■ 67.3667, 76.8593,
96.8740

■ 84.1753, 89.1791,
98.3660

■ 60.5608, 71.5869,
96.2150

■ 90.9567, 94.5664,
99.0485

■ 54.7540, 66.8715,
95.6109

■ 92.2598, 97.1726,
99.4828

■ 49.8910, 62.6843,
95.0590

■ 93.3294, 99.3118,
99.8394

■ 45.9111, 58.9936,
94.5564

■ 42.7464, 55.7643,
94.0999

■ 40.3188, 52.9558,
93.6857

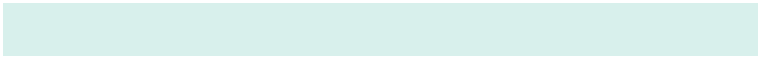
■ 38.5342, 50.5191,
93.3095

■ 37.4406, 48.7541,
93.0264

Harmonies

Analogous

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



74.4286, 82.7117, 91.4801



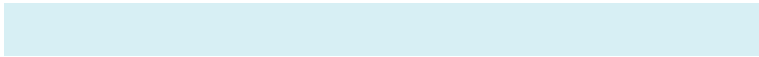
75.2200, 82.7117, 97.5884



76.9233, 82.7117, 101.8166

Triad

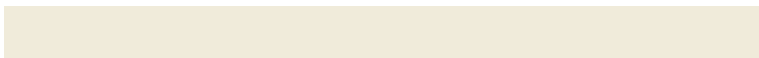
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.2200, 82.7117, 97.5884



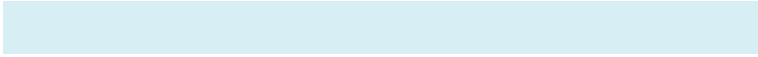
82.6198, 82.7117, 95.0278



78.1224, 82.7117, 78.3934

Complementary

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



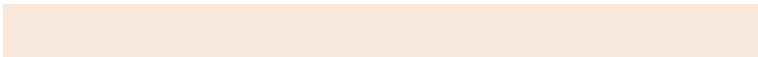
75.2200, 82.7117, 97.5884



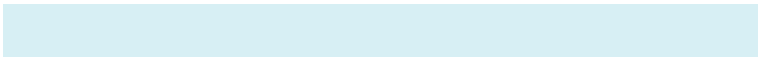
75.1678, 75.3257, 74.8691

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.



80.3313, 82.7117, 79.2432



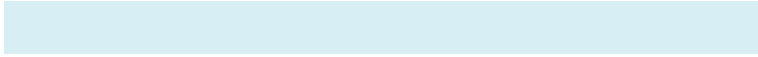
75.2200, 82.7117, 97.5884



82.9555, 82.7117, 88.6526

Square

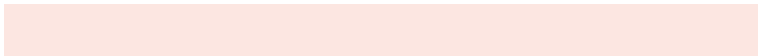
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2200, 82.7117, 97.5884



81.2019, 82.7117, 100.2901



82.1106, 82.7117, 82.9272



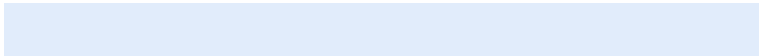
76.0836, 82.7117, 80.5485

Rectangle

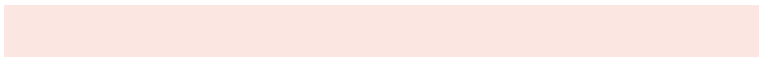
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2200, 82.7117, 97.5884



78.3611, 82.7117, 102.8935



82.1106, 82.7117, 82.9272



78.8694, 82.7117, 78.3387

Sweetspot

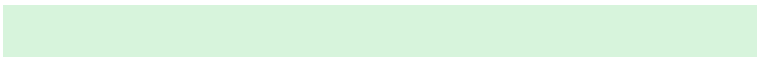
The Sweet Spot groups the original color and five complimentary colors.



75.2224, 82.7152, 97.5902



90.8383, 97.0003, 108.5430



73.2727, 84.3084, 80.0073



19.2784, 20.6440, 23.2186



0.0000, 0.0000, 0.0000



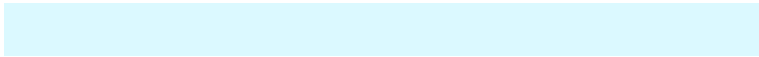
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2224, 82.7152, 97.5902



81.1828, 89.9846, 107.6977



71.1902, 74.6507, 96.2462



16.7396, 18.2434, 21.1816



20.4471, 26.6880, 50.6116



1.8597, 2.4709, 4.4691

Inverse Universe

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



77.1906, 74.0678, 91.8934



83.7252, 78.9098, 100.3173



79.0932, 83.1765, 76.1776



17.0839, 16.7164, 20.1882



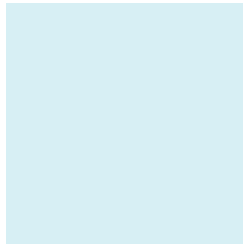
26.1253, 12.7935, 31.6976



2.3278, 1.1371, 2.9524

Previews

White Background



This preview shows how the XYZ color 75.2200, 82.7117, 97.5884 looks on a white background.

Color Contrast Check

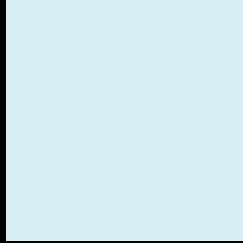
Large Text (above 18pt) WCAG AA × Fail

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 75.2200, 82.7117, 97.5884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

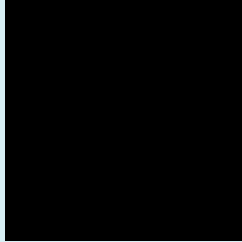
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2200, 82.7117, 97.5884

Background



This preview shows how black text looks on a background with the XYZ color 75.2200, 82.7117, 97.5884.



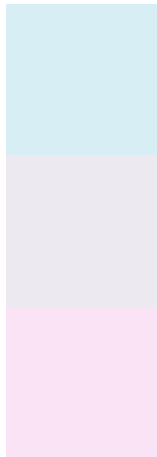
This preview shows how white text looks on a background with the XYZ color 75.2200, 82.7117,

97.5884.

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

75.2200, 82.7117, 97.5884

Protanopia

79.7921, 82.5736, 94.1709

Deuteranopia

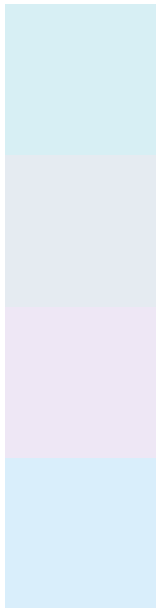
83.8873, 82.1012, 98.6146



Tritanopia

77.2476, 82.6938, 106.4979

Trichromacy



Original Color

75.2200, 82.7117, 97.5884

Protanomaly

77.8986, 82.4255, 95.0231

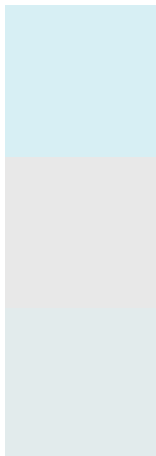
Deuteranomaly

80.3172, 81.9215, 97.9655

Tritanomaly

76.6024, 82.8658, 103.2241

Monochromacy



Original Color

75.2200, 82.7117, 97.5884

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.2127, 81.6415, 91.0984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2200, 82.7117, 97.5884 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(215, 239, 244) looks like.

```
.text, #text, p{  
    color:rgb(215, 239, 244)  
}
```

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(215, 239, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 239, 244) }
```

Border

The CSS property to change the border of an element to XYZ 75.2200, 82.7117, 97.5884 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(215, 239, 244) }
```


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

```
.border{ border-color:rgb(215, 239, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 239, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 239, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 239, 244);  
box-shadow:4px 4px 4px 4px rgb(215, 239,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2200, 82.7117, 97.5884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 239, 244) }
```

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

```
.background{ background-color: rgb(215,  
239, 244) }
```

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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