

Converting Colors

XYZ(67.5508, 72.8393, 81.0201)

Have a look what the booklet for
XYZ(67.5508, 72.8393, 81.0201)
contains.

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Color

**XYZ(67.5508, 72.8393,
81.0201)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E0E0
RGB	213, 224, 224
RGB Percent	84%, 88%, 88%
CMY	0.1647, 0.1215, 0.1216
CMYK	0.05, 0.00, 0.00, 0.12
HSL	180°, 15%, 86%
HSV	180°, 5%, 88%
XYZ	67.5508, 72.8393, 81.0201
YIQ	220.7110, -6.5560, -2.3320

Conversions

Conversions Part 2

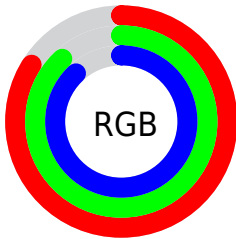
Format	Color
R _Y B	213, 219, 224
Decimal	14016736
CIE Lab	88.37, -3.67, -1.28
CIE LCh	88, 3.889, 199.287
Yxy	72.8393, 0.3051, 0.3290
Android (android.graphics.Color)	4292206816 (0xFFD5E0E0)
YUV	220.7110, 1.6215, -6.7625
Hunter-Lab	85.3459, -8.0737, 3.4573

Details

The XYZ color **67.5508, 72.8393, 81.0201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5477, 68.2418, 72.6189**, and the grayscale version is **68.5187, 72.0870, 78.5027**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4499, 38.5096, 43.1008** is the 20% darker color. If you saturate the color by 10%, you get **61.4965, 69.7203, 80.7331**, and if you desaturate by 10%, it is **74.5067, 76.4271, 81.3523**.

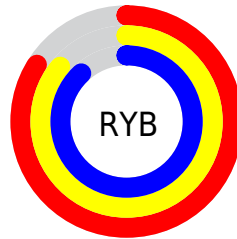
Distribution



Red (84%)

Green (88%)

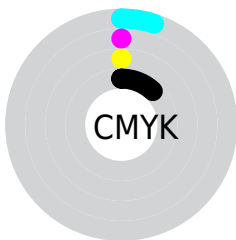
Blue (88%)



Red (84%)

Yellow (86%)

Blue (88%)

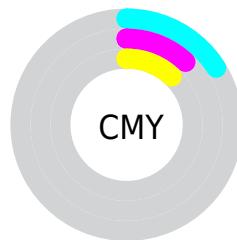


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5508, 72.8393, 81.0201 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 67.5508, 72.8393, 81.0201 by changing the saturation by 10% instead.

■ 67.5508, 72.8393,
81.0201

■ 67.5508, 72.8393,
81.0201

441.3046,
470.4577, 518.1612

■ 49.8047, 53.8446,
60.0271

114.7547,
123.2490, 136.6233

■ 35.4754, 38.4774,
43.0150

144.9433,
155.4329, 172.0706

■ 24.1976, 26.3534,
29.5654

180.0101,
192.7818, 213.1730

■ 15.6058, 17.0882,
19.2597

220.3204,
235.6803, 260.3491

■ 9.3347, 10.2974,
11.6794

266.2397,
284.5128, 314.0174

■ 5.0190, 5.5966,
6.4059

318.1332,

■ 2.2933, 2.6014,

339.6635, 374.5965

3.0207

376.3664,
401.5170, 442.5049

■ 0.7912, 0.9274,
1.1052

■ 0.0000, 0.0000,
0.0000

■ 67.5508, 72.8393,
81.0201

■ 67.5508, 72.8393,
81.0201

■ 61.4965, 69.7203,
80.7331

■ 74.5067, 76.4271,
81.3523

■ 56.3010, 67.0421,
80.4847

■ 81.3538, 79.9568,
81.6780

■ 51.9274, 64.7875,
80.2748

■ 81.3548, 79.9572,
81.6832

■ 48.3335, 62.9349,
80.1014

■ 81.3558, 79.9576,
81.6885

45.4736, 61.4607,
79.9624

81.3568, 79.9580,
81.6938

43.2970, 60.3387,
79.8553

81.3578, 79.9584,
81.6990

41.7468, 59.5397,
79.7776

81.3588, 79.9588,
81.7043

40.7569, 59.0295,
79.7260

81.3598, 79.9592,
81.7095

40.2462, 58.7663,
79.6969

81.3608, 79.9596,
81.7148

Harmonies

Analogous

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



67.4825, 72.8393, 78.3577



67.5508, 72.8393, 81.0201



68.0671, 72.8393, 83.2711

Triad

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



67.5508, 72.8393, 81.0201



70.6013, 72.8393, 82.7108



69.5658, 72.8393, 74.3641

Complementary

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



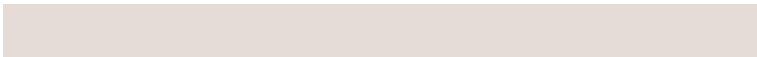
67.5508, 72.8393, 81.0201



66.5477, 68.2418, 72.6189

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.



70.4092, 72.8393, 75.4758



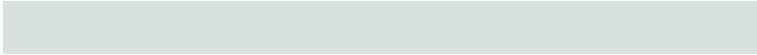
67.5508, 72.8393, 81.0201



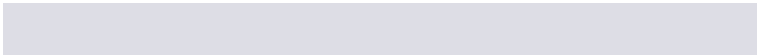
71.0106, 72.8393, 80.2692

Square

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



67.5508, 72.8393, 81.0201



69.8263, 72.8393, 84.2624



70.9400, 72.8393, 77.6234



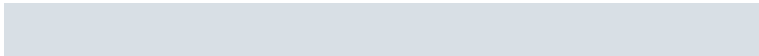
68.6403, 72.8393, 74.5548

Rectangle

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



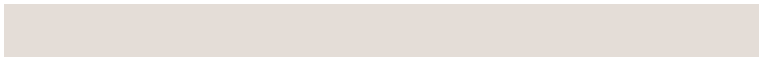
67.5508, 72.8393, 81.0201



68.5985, 72.8393, 84.2168



70.9400, 72.8393, 77.6234



69.8685, 72.8393, 74.5968

Sweetspot

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



67.5529, 72.8424, 81.0217



94.1179, 99.5195, 108.8557



66.1618, 72.2921, 73.4186



20.1549, 21.3063, 23.3001



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.



67.5529, 72.8424, 81.0217



89.6426, 97.2125, 108.6427



66.1462, 70.0283, 80.5552



14.5011, 15.7706, 17.6667



23.3413, 34.1614, 46.3820



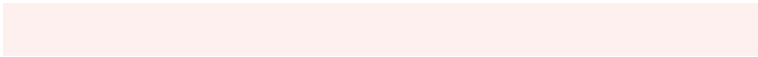
1.6180, 2.3679, 3.2153

Inverse Universe

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



66.5477, 68.2418, 72.6189



87.9962, 89.6774, 94.8801



67.9070, 70.9613, 73.0697



14.2092, 14.4349, 15.2270



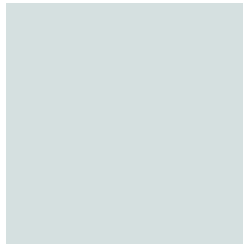
17.8935, 9.2244, 0.8391



1.2403, 0.6394, 0.0585

Previews

White Background



This preview shows how the XYZ color 67.5508, 72.8393, 81.0201 looks on a white background.

Color Contrast Check

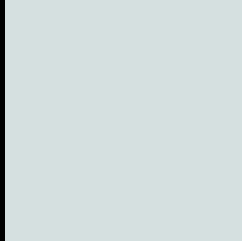
Large Text (above 18pt) WCAG AA × Fail

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 67.5508, 72.8393, 81.0201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

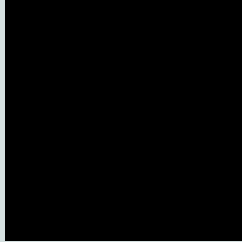
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

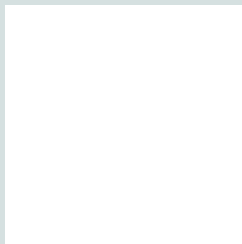
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.5508, 72.8393, 81.0201

Background



This preview shows how black text looks on a background with the XYZ color 67.5508, 72.8393, 81.0201.

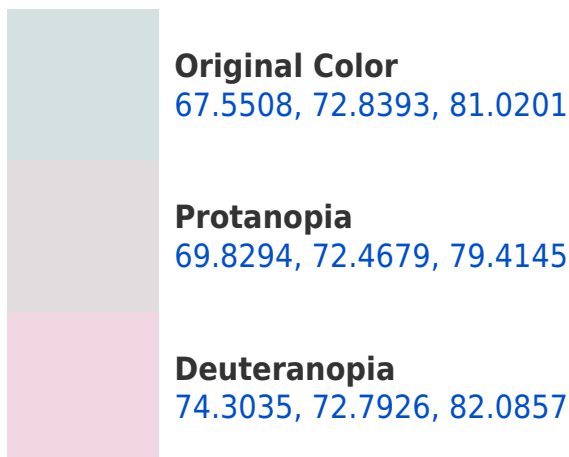


This preview shows how white text looks on a background with the XYZ color 67.5508, 72.8393,

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

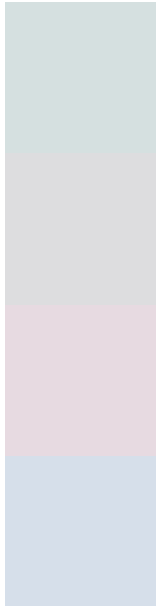




Tritanopia

69.7256, 72.9216, 92.0617

Trichromacy



Original Color

67.5508, 72.8393, 81.0201

Protanomaly

68.9945, 72.4128, 80.1527

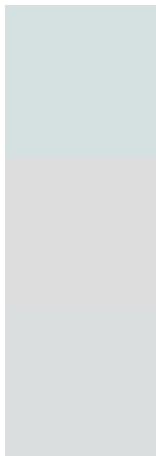
Deuteranomaly

71.6170, 72.5680, 81.4666

Tritanomaly

68.9705, 73.0120, 88.2995

Monochromacy



Original Color

67.5508, 72.8393, 81.0201

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.2195, 72.4219, 79.4905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5508, 72.8393, 81.0201 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(213, 224, 224) looks like.

```
.text, #text, p{  
    color:rgb(213, 224, 224)  
}
```

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(213, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 224, 224) }
```

Border

The CSS property to change the border of an element to XYZ 67.5508, 72.8393, 81.0201 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(213, 224, 224) }
```


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

```
.border{ border-color:rgb(213, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(213, 224,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5508, 72.8393, 81.0201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 224, 224) }
```

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

```
.background{ background-color: rgb(213,  
224, 224) }
```

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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