

Converting Colors

XYZ(68.5536, 71.7458, 75.9560)

Have a look what the booklet for
XYZ(68.5536, 71.7458, 75.9560)
contains.

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Color

**XYZ(68.5490, 71.8841,
75.9077)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDCD9
RGB	223, 220, 217
RGB Percent	87%, 86%, 85%
CMY	0.1255, 0.1372, 0.1490
CMYK	0.00, 0.01, 0.03, 0.13
HSL	30°, 9%, 86%
HSV	30°, 3%, 87%
XYZ	68.5490, 71.8841, 75.9077
YIQ	220.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

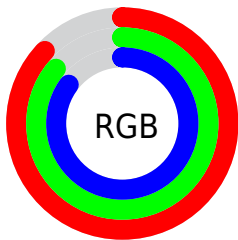
Format	Color
R _Y B	223, 223, 217
Decimal	14671065
CIE Lab	87.91, 0.49, 1.82
CIE LCh	88, 1.886, 74.882
Yxy	71.8841, 0.3169, 0.3323
Android (android.graphics.Color)	4292861145 (0xFFDFDCD9)
YUV	220.5550, -1.7526, 2.1443
Hunter-Lab	84.7845, -4.0541, 6.2667

Details

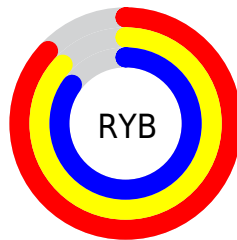
The XYZ color **68.5490, 71.8841, 75.9077** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5278, 71.2649, 80.0094**, and the grayscale version is **68.4276, 71.9912, 78.3984**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1252, 37.8437, 39.5830** is the 20% darker color. If you saturate the color by 10%, you get **63.0169, 65.1518, 60.7071**, and if you desaturate by 10%, it is **74.6719, 79.1688, 93.2407**.

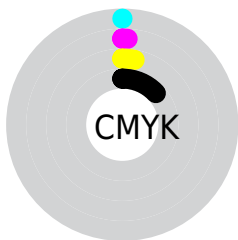
Distribution



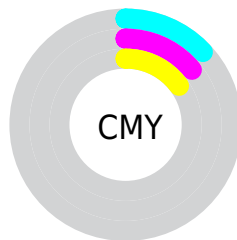
- Red (87%)
- Green (86%)
- Blue (85%)



- Red (87%)
- Yellow (87%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5490, 71.8841, 75.9077 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 68.5490, 71.8841, 75.9077 by changing the saturation by 10% instead.

■ 68.5490, 71.8841,
75.9077

■ 68.5490, 71.8841,
75.9077

444.7850,
467.1381, 500.3701

■ 50.6198, 53.0640,
55.8506

116.1748,
121.8917, 129.3553

■ 36.1259, 37.8539,
39.6800

146.6021,
153.8481, 163.5829

■ 24.7020, 25.8693,
26.9772

181.9261,
190.9519, 203.3712

■ 15.9827, 16.7259,
17.3238

222.5123,
233.5877, 249.1385

■ 9.6027, 10.0392,
10.3013

268.7259,
282.1398, 301.3035

■ 5.1966, 5.4250,
5.4909

320.9323,

■ 2.3990, 2.4987,

336.9927, 360.2848

2.4744

379.4969,
398.5306, 426.5008

■ 0.8446, 0.8760,
0.8265

■ 0.0000, 0.0000,
0.0000

■ 68.5490, 71.8841,
75.9077

■ 68.5490, 71.8841,
75.9077

■ 63.0169, 65.1518,
60.7071

■ 74.6719, 79.1688,
93.2407

■ 58.0501, 58.9488,
47.5507

■ 80.3164, 86.5773,
107.0857

■ 53.6302, 53.2638,
36.3512

■ 83.7375, 93.4195,
108.2261

■ 49.7352, 48.0817,
27.0128

■ 84.2419, 94.4282,
108.3942

■ 46.3415, 43.3864,
19.4319

■ 43.4234, 39.1608,
13.4944

■ 40.9527, 35.3864,
9.0727

■ 38.8969, 32.0430,
6.0197

■ 37.2181, 29.1075,
4.1588

Harmonies

Analogous

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



68.9370, 71.8841, 76.5384



68.5490, 71.8841, 75.9077



68.1023, 71.8841, 75.9051

Triad

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



68.5490, 71.8841, 75.9077



67.4930, 71.8841, 78.9061



68.9345, 71.8841, 80.0339

Complementary

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



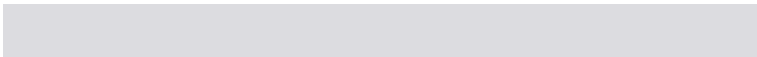
68.5490, 71.8841, 75.9077



67.5278, 71.2649, 80.0094

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.



68.5456, 71.8841, 80.6826



68.5490, 71.8841, 75.9077



67.7140, 71.8841, 80.0266

Square

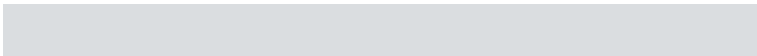
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.5490, 71.8841, 75.9077



67.4939, 71.8841, 77.6267



68.0989, 71.8841, 80.6799



69.1602, 71.8841, 78.9159

Rectangle

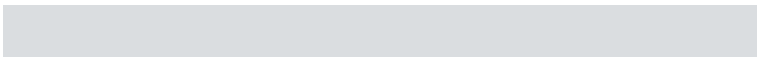
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



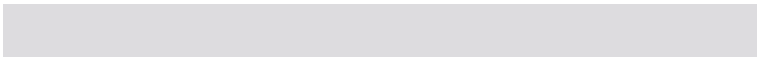
68.5490, 71.8841, 75.9077



67.8313, 71.8841, 76.2595



68.0989, 71.8841, 80.6799



68.8184, 71.8841, 80.3146

Sweetspot

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



68.5510, 71.8872, 75.9093



94.2372, 99.0271, 106.6171



68.1636, 70.4821, 77.7229



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



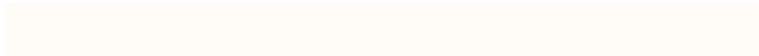
20.3446, 21.4041, 23.3091

Same Dimension

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



68.5510, 71.8872, 75.9093



92.6360, 97.1039, 102.1396



69.3445, 73.4741, 76.1737



14.9705, 15.6775, 16.3441



21.3901, 16.2182, 2.0030



1.5722, 1.3033, 0.1687

Inverse Universe

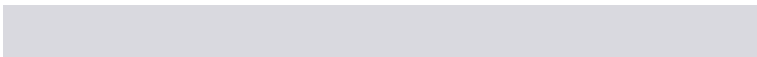
The Inverse Universe completely reimagines the original color for something new.



67.5278, 71.2649, 80.0094



91.0817, 96.1585, 108.3677



66.7484, 69.7062, 79.7496



14.6560, 15.4862, 17.6044



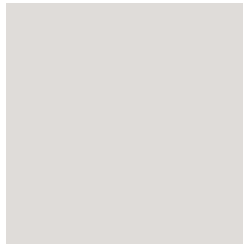
11.3099, 10.0894, 42.3997



0.8735, 0.8784, 2.9688

Previews

White Background



This preview shows how the XYZ color 68.5490, 71.8841, 75.9077 looks on a white background.

Color Contrast Check

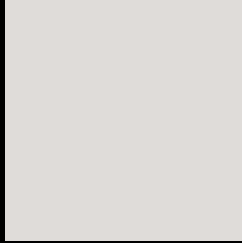
Large Text (above 18pt) WCAG AA × Fail

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 68.5490, 71.8841, 75.9077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

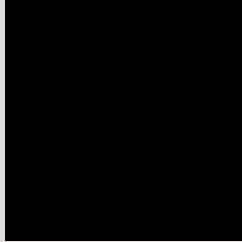
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

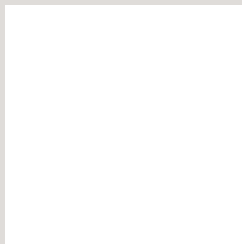
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.5490, 71.8841, 75.9077

Background



This preview shows how black text looks on a background with the XYZ color 68.5490, 71.8841, 75.9077.

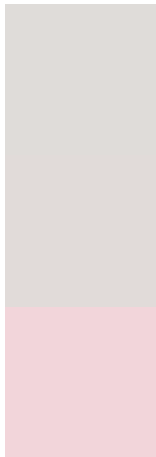


This preview shows how white text looks on a background with the XYZ color 68.5490, 71.8841,

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

68.5490, 71.8841, 75.9077

Protanopia

68.9072, 71.6803, 75.8495

Deuteranopia

73.0671, 71.5277, 76.2848



Tritanopia

71.0282, 71.7350, 87.9445

Trichromacy



Original Color

68.5490, 71.8841, 75.9077

Protanomaly

68.5964, 71.5201, 75.8350

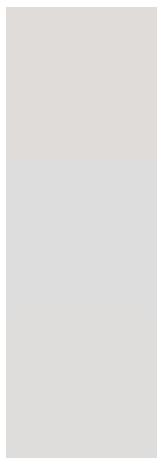
Deuteranomaly

71.4717, 71.8359, 76.4284

Tritanomaly

70.1263, 71.7518, 83.5522

Monochromacy



Original Color

68.5490, 71.8841, 75.9077

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8989, 72.4098, 78.0553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5490, 71.8841, 75.9077 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(223, 220, 217) looks like.

```
.text, #text, p{  
    color:rgb(223, 220, 217)  
}
```

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(223, 220, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 220, 217) }
```

Border

The CSS property to change the border of an element to XYZ 68.5490, 71.8841, 75.9077 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(223, 220, 217) }
```


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

```
.border{ border-color:rgb(223, 220, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 220, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 220, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 220, 217);  
box-shadow:4px 4px 4px 4px rgb(223, 220,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5490, 71.8841, 75.9077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 220, 217) }
```

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

```
.background{ background-color: rgb(223,  
220, 217) }
```

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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