

Converting Colors

XYZ(67.4285, 71.8571, 68.7085)

Have a look what the booklet for
XYZ(67.4285, 71.8571, 68.7085)
contains.

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Color

**XYZ(67.4285, 71.8571,
68.7085)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDDCE
RGB	223, 221, 206
RGB Percent	87%, 87%, 81%
CMY	0.1255, 0.1333, 0.1922
CMYK	0.00, 0.01, 0.08, 0.13
HSL	53°, 21%, 84%
HSV	53°, 8%, 87%
XYZ	67.4285, 71.8571, 68.7085
YIQ	219.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

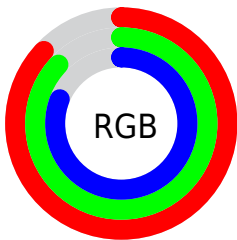
Format	Color
R_{YB}	208, 223, 206
Decimal	14671310
CIE Lab	87.90, -1.91, 7.59
CIE LCh	88, 7.828, 104.112
Yxy	71.8571, 0.3242, 0.3455
Android (android.graphics.Color)	4292861390 (0xFFDFDCE)
YUV	219.8880, -6.8468, 2.7292
Hunter-Lab	84.7686, -6.3586, 11.2810

Details

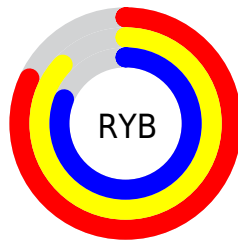
The XYZ color **67.4285, 71.8571, 68.7085** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3288, 63.5604, 78.8490**, and the grayscale version is **67.9944, 71.5354, 77.9021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4522, 37.8643, 35.1458** is the 20% darker color. If you saturate the color by 10%, you get **64.2242, 69.4802, 55.2096**, and if you desaturate by 10%, it is **71.0320, 74.4156, 84.2385**.

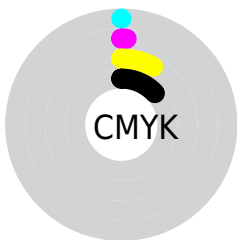
Distribution



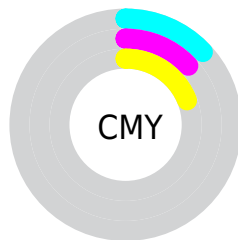
- Red (87%)
- Green (87%)
- Blue (81%)



- Red (82%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4285, 71.8571, 68.7085 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 67.4285, 71.8571, 68.7085 by changing the saturation by 10% instead.

■ 67.4285, 71.8571,
68.7085

■ 67.4285, 71.8571,
68.7085

440.8770,
467.0441, 474.6683

■ 49.7049, 53.0420,
50.0041

114.5806,
121.8533, 119.0289

■ 35.3958, 37.8363,
35.0454

144.7398,
153.8032, 151.4820

■ 24.1359, 25.8556,
23.4140

179.7750,
190.9001, 189.3550

■ 15.5597, 16.7157,
14.6914

220.0514,
233.5285, 233.0665

■ 9.3020, 10.0320,
8.4589

265.9345,
282.0727, 283.0350

■ 4.9974, 5.4202,
4.2980

317.7895,

■ 2.2805, 2.4958,

336.9171, 339.6791

1.7902

375.9819,
398.4461, 403.4174

■ 0.7846, 0.8746,
0.4215

■ 0.0000, 0.0000,
0.0000

■ 67.4285, 71.8571,
68.7085

■ 67.4285, 71.8571,
68.7085

■ 64.2242, 69.4802,
55.2096

■ 71.0320, 74.4156,
84.2385

■ 61.3970, 67.2690,
43.6524

■ 75.0439, 77.1525,
101.8748

■ 58.9316, 65.2195,
33.9475

■ 76.4625, 78.8694,
105.8011

■ 56.8093, 63.3244,
25.9971

■ 77.1918, 80.3282,
106.0442

■ 55.0097, 61.5752,
19.6938

■ 77.9322, 81.8089,
106.2910

■ 53.5102, 59.9630,
14.9190

■ 78.6835, 83.3116,
106.5414

■ 52.2853, 58.4773,
11.5379

■ 79.4460, 84.8365,
106.7956

■ 51.3047, 57.1062,
9.3923

■ 80.2195, 86.3835,
107.0534

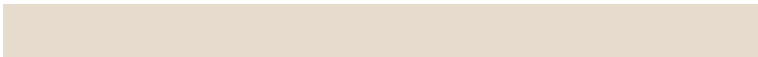
■ 50.5274, 55.8329,
8.2660

■ 81.0042, 87.9529,
107.3150

Harmonies

Analogous

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



69.2831, 71.8571, 68.7839



67.4285, 71.8571, 68.7085



65.8353, 71.8571, 71.1046

Triad

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



67.4285, 71.8571, 68.7085



65.7588, 71.8571, 85.5990



71.8008, 71.8571, 81.0817

Complementary

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



67.4285, 71.8571, 68.7085



61.3288, 63.5604, 78.8490

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.



70.8214, 71.8571, 85.8378



67.4285, 71.8571, 68.7085



67.3223, 71.8571, 88.5256

Square

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



67.4285, 71.8571, 68.7085



64.8833, 71.8571, 80.7678



69.1750, 71.8571, 88.6149



71.8305, 71.8571, 75.7658

Rectangle

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



67.4285, 71.8571, 68.7085



65.1264, 71.8571, 73.8469



69.1750, 71.8571, 88.6149



71.5710, 71.8571, 82.8043

Sweetspot

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



67.4305, 71.8602, 68.7100



94.0489, 99.2944, 104.5691



63.9218, 64.3989, 68.9089



20.1408, 21.2605, 22.4274



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.



67.4305, 71.8602, 68.7100



90.7190, 96.9018, 90.3037



66.0752, 71.9486, 68.7985



14.7272, 15.7404, 14.5688



29.6631, 32.7642, 4.7607



2.0955, 2.3498, 0.3431

Inverse Universe

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



61.3288, 63.5604, 78.8490



80.9802, 83.6547, 106.4866



62.6103, 63.5032, 78.7704



13.0810, 13.5012, 17.3042



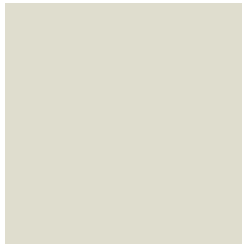
8.0935, 3.6565, 41.3276



0.6046, 0.3406, 2.8791

Previews

White Background



This preview shows how the XYZ color 67.4285, 71.8571, 68.7085 looks on a white background.

Color Contrast Check

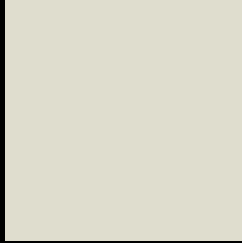
Large Text (above 18pt) WCAG AA × Fail

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 67.4285, 71.8571, 68.7085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

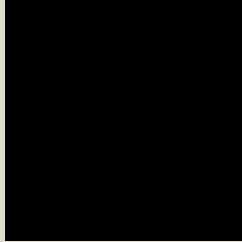
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

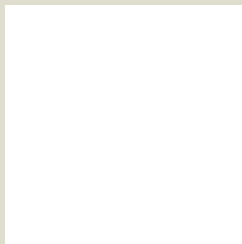
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4285, 71.8571, 68.7085

Background



This preview shows how black text looks on a background with the XYZ color 67.4285, 71.8571, 68.7085.

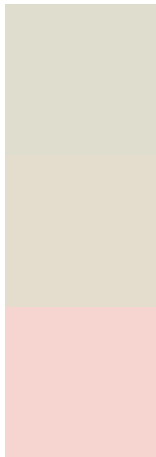


This preview shows how white text looks on a background with the XYZ color 67.4285, 71.8571,

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

67.4285, 71.8571, 68.7085

Protanopia

68.6076, 72.0882, 68.0560

Deuteranopia

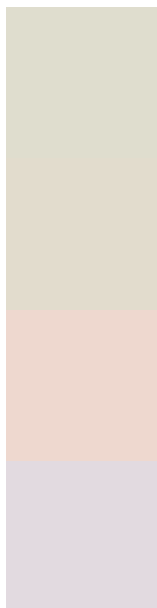
73.1855, 71.7354, 69.6635



Tritanopia

71.3427, 71.8971, 87.9593

Trichromacy



Original Color

67.4285, 71.8571, 68.7085

Protanomaly

67.9767, 71.7629, 68.0265

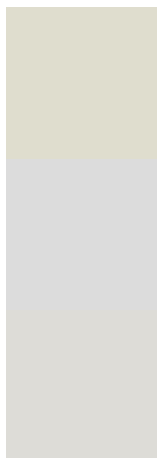
Deuteranomaly

71.0782, 71.7939, 69.1429

Tritanomaly

69.8900, 71.6934, 80.6756

Monochromacy



Original Color

67.4285, 71.8571, 68.7085

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6777, 71.4648, 74.5171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4285, 71.8571, 68.7085 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, 221, 206) looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 206)  
}
```

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, 221, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 206) }
```

Border

The CSS property to change the border of an element to XYZ 67.4285, 71.8571, 68.7085 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, 221, 206) }
```


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

```
.border{ border-color:rgb(223, 221, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 221, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4285, 71.8571, 68.7085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 206) }
```

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

```
.background{ background-color: rgb(223,  
221, 206) }
```

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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