

Converting Colors

XYZ(68.8553, 71.7181, 56.5584)

Have a look what the booklet for
XYZ(68.8553, 71.7181, 56.5584)
contains.

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Color

**XYZ(68.8594, 71.6925,
56.6631)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDABA
RGB	237, 218, 186
RGB Percent	93%, 85%, 73%
CMY	0.0706, 0.1451, 0.2706
CMYK	0.00, 0.08, 0.22, 0.07
HSL	38°, 59%, 83%
HSV	38°, 22%, 93%
XYZ	68.8594, 71.6925, 56.6631
YIQ	220.0330, 21.5960, -5.9240

Conversions

Conversions Part 2

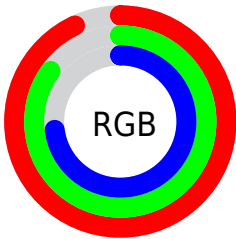
Format	Color
R_{YB}	216, 237, 186
Decimal	15588026
CIE Lab	87.82, 1.57, 18.13
CIE LCh	88, 18.198, 85.064
Yxy	71.6925, 0.3492, 0.3635
Android (android.graphics.Color)	4293778106 (0xFFEDDABA)
YUV	220.0330, -16.7783, 14.8801
Hunter-Lab	84.6714, -3.0091, 19.5924

Details

The XYZ color **68.8594, 71.6925, 56.6631** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.3668, 60.2147, 88.7203**, and the grayscale version is **68.1550, 71.7044, 78.0860**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **36.3869, 37.7116, 27.5516** is the 20% darker color. If you saturate the color by 10%, you get **64.3180, 66.3127, 43.7329**, and if you desaturate by 10%, it is **73.9444, 77.4898, 71.8379**.

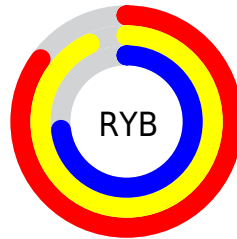
Distribution



Red (93%)

Green (85%)

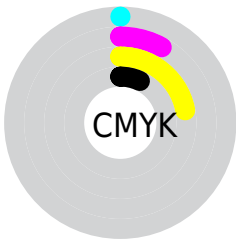
Blue (73%)



Red (85%)

Yellow (93%)

Blue (73%)

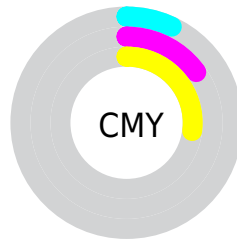


Cyan (0%)

Magenta (8%)

Yellow (22%)

Black (7%)



Cyan (7%)

Magenta (15%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8594, 71.6925, 56.6631 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 68.8594, 71.6925, 56.6631 by changing the saturation by 10% instead.

68.8594, 71.6925,
56.6631

68.8594, 71.6925,
56.6631

445.8641,
466.4706, 429.6440

50.8734, 52.9075,
40.3273

116.6159,
121.6192, 101.4689

36.3285, 37.7290,
27.4781

147.1172,
153.5298, 130.7759

24.8593, 25.7724,
17.6970

182.5209,
190.5843, 165.2438

16.1004, 16.6534,
10.5655

223.1924,
233.1673, 205.2909

9.6866, 9.9877,
5.6650

269.4972,
281.6630, 251.3360

5.2523, 5.3908,
2.5770

321.8005,

2.4323, 2.4783,

336.4558, 303.7975

0.8805

380.4676,
397.9302, 363.0940

■ 0.8613, 0.8658,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.8594, 71.6925,
56.6631

■ 68.8594, 71.6925,
56.6631

■ 64.3180, 66.3127,
43.7329

■ 73.9444, 77.4898,
71.8379

■ 60.2922, 61.3286,
32.9336

■ 79.5885, 83.7063,
89.3543

■ 56.7595, 56.7309,
24.1486

■ 85.4728, 90.2197,
107.5170

■ 53.6934, 52.5056,
17.2478

■ 88.2000, 95.6740,
108.4260

■ 51.0644, 48.6378,
12.0860

■ 88.7353, 96.7446,
108.6045

■ 48.8390, 45.1107,
8.4965

■ 46.9771, 41.9048,
6.2790

■ 45.6298, 39.4138,
5.2027

Harmonies

Analogous

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



73.0138, 71.6925, 60.1253



68.8594, 71.6925, 56.6631



64.6804, 71.6925, 58.4203

Triad

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



68.8594, 71.6925, 56.6631



60.8854, 71.6925, 88.5869



75.1861, 71.6925, 92.5038

Complementary

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



68.8594, 71.6925, 56.6631



57.3668, 60.2147, 88.7203

Split Complementary

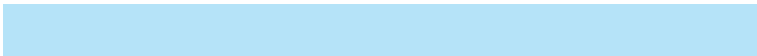
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7241, 71.6925, 101.6735



68.8594, 71.6925, 56.6631



63.4911, 71.6925, 99.2497

Square

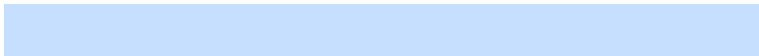
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.8594, 71.6925, 56.6631



60.1905, 71.6925, 76.0302



67.4287, 71.6925, 104.2636



76.7637, 71.6925, 80.1276

Rectangle

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



68.8594, 71.6925, 56.6631



62.4247, 71.6925, 62.4238



67.4287, 71.6925, 104.2636



74.1972, 71.6925, 96.1130

Sweetspot

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



68.8613, 71.6957, 56.6646



90.8926, 95.4713, 95.8419



63.5707, 57.5576, 65.8663



19.3611, 20.3317, 20.2232



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.



68.8613, 71.6957, 56.6646



78.7749, 81.6854, 59.5885



72.1189, 81.1114, 58.3103



15.8531, 16.6293, 15.8929



25.0420, 21.7782, 2.8838



2.0581, 1.8935, 0.2570

Inverse Universe

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



57.3668, 60.2147, 88.7203



62.8553, 65.7873, 103.9931



54.5714, 52.4331, 87.3656



14.6908, 15.4680, 19.1336



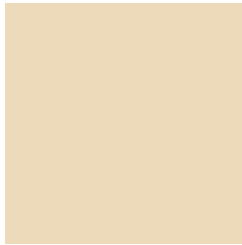
10.3786, 7.4042, 44.6251



0.9045, 0.7605, 3.5340

Previews

White Background



This preview shows how the XYZ color 68.8594, 71.6925, 56.6631 looks on a white background.

Color Contrast Check

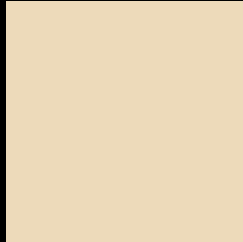
Large Text (above 18pt) WCAG AA × Fail

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 68.8594, 71.6925, 56.6631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

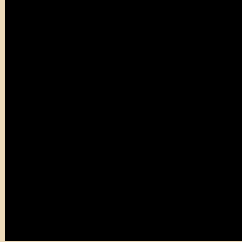
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.8594, 71.6925, 56.6631

Background



This preview shows how black text looks on a background with the XYZ color 68.8594, 71.6925, 56.6631.



This preview shows how white text looks on a background with the XYZ color 68.8594, 71.6925,

56.6631.

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

68.8594, 71.6925, 56.6631

Protanopia

67.8416, 71.9301, 57.3220

Deuteranopia

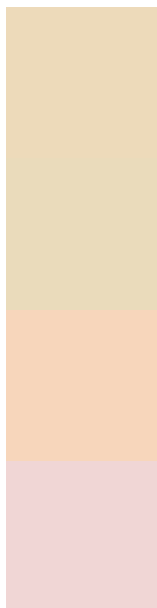
73.0211, 71.5575, 56.9771



Tritanopia

74.3043, 71.6214, 84.0368

Trichromacy



Original Color

68.8594, 71.6925, 56.6631

Protanomaly

68.2328, 71.7433, 57.2653

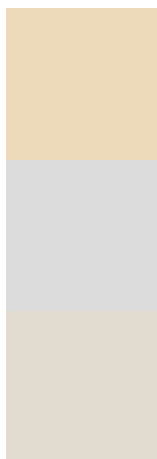
Deuteranomaly

71.3740, 71.4551, 57.0441

Tritanomaly

71.9920, 71.4225, 72.9423

Monochromacy



Original Color

68.8594, 71.6925, 56.6631

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.0807, 71.3859, 69.8651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.8594, 71.6925, 56.6631 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(237, 218, 186)` looks like.

```
.text, #text, p{  
    color:rgb(237, 218, 186)  
}
```

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(237, 218, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 218, 186) }
```

Border

The CSS property to change the border of an element to XYZ 68.8594, 71.6925, 56.6631 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(237, 218, 186) }
```


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

```
.border{ border-color:rgb(237, 218, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 218, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 218, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 218, 186); box-shadow:4px 4px 4px 4px rgb(237, 218, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8594, 71.6925, 56.6631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 218, 186) }
```

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

```
.background{ background-color: rgb(237,  
218, 186) }
```

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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