

Converting Colors

XYZ(68.1272, 71.1205, 57.5401)

Have a look what the booklet for
XYZ(68.1272, 71.1205, 57.5401)
contains.

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Color

**XYZ(68.4095, 71.4358,
57.7599)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDABC
RGB	235, 218, 188
RGB Percent	92%, 85%, 74%
CMY	0.0784, 0.1451, 0.2627
CMYK	0.00, 0.07, 0.20, 0.08
HSL	38°, 54%, 83%
HSV	38°, 20%, 92%
XYZ	68.4095, 71.4358, 57.7599
YIQ	219.6630, 19.7620, -5.7260

Conversions

Conversions Part 2

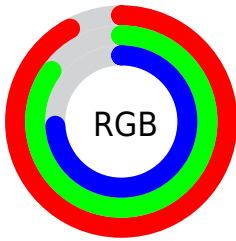
Format	Color
R _Y B	215, 235, 188
Decimal	15456956
CIE Lab	87.70, 1.12, 16.88
CIE LCh	88, 16.922, 86.203
Yxy	71.4358, 0.3462, 0.3615
Android (android.graphics.Color)	4293647036 (0xFFEBDABC)
YUV	219.6630, -15.6099, 13.4505
Hunter-Lab	84.5197, -3.4332, 18.6456

Details

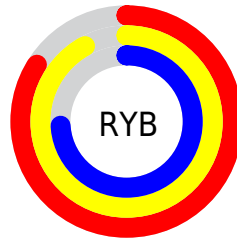
The XYZ color **68.4095, 71.4358, 57.7599** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.5656, 60.3509, 87.2127**, and the grayscale version is **67.8899, 71.4254, 77.7823**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **36.0608, 37.5274, 28.2646** is the 20% darker color. If you saturate the color by 10%, you get **63.9328, 66.2114, 44.7704**, and if you desaturate by 10%, it is **73.4156, 77.0576, 72.9626**.

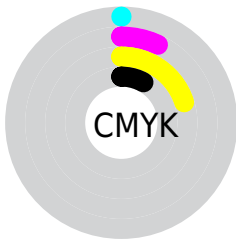
Distribution



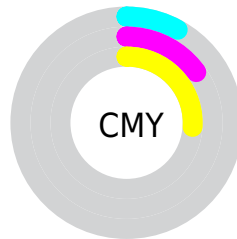
- Red (92%)
- Green (85%)
- Blue (74%)



- Red (84%)
- Yellow (92%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (20%)
- Black (8%)





- Cyan (8%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.4095, 71.4358, 57.7599 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 68.4095, 71.4358, 57.7599 by changing the saturation by 10% instead.


 68.4095, 71.4358,
57.7599

 68.4095, 71.4358,
57.7599


444.2995,
465.5754, 433.8639

 50.5058, 52.6979,
41.2022


 115.9765,
121.2540, 103.0845

 36.0349, 37.5617,
28.1562


146.3705,
153.1032, 132.6884

 24.6314, 25.6427,
18.2034


181.6587,
190.0916, 167.4782

 15.9299, 16.5565,
10.9252

222.2064,
232.6035, 207.8724

 9.5651, 9.9188,
5.9030

268.3790,
281.0235, 254.2896

 5.1716, 5.3452,
2.7184

320.5418,

 2.3841, 2.4512,

335.7359, 307.1482

0.9526

379.0602,
397.1251, 366.8668

■ 0.8372, 0.8520,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.4095, 71.4358,
57.7599

■ 68.4095, 71.4358,
57.7599

■ 63.9328, 66.2114,
44.7704

■ 73.4156, 77.0576,
72.9626

■ 59.9581, 61.3635,
33.8842

■ 78.9656, 83.0779,
90.4725

■ 56.4640, 56.8832,
24.9882

■ 84.5113, 89.2825,
107.3868

■ 53.4252, 52.7576,
17.9574

■ 87.1206, 94.5010,
108.2565

■ 50.8134, 48.9725,
12.6522

■ 88.0712, 96.4023,
108.5734

■ 48.5966, 45.5120,
8.9128

■ 46.7370, 42.3582,
6.5498

■ 45.1714, 39.4826,
5.2401

■ 45.1713, 39.4825,
5.2401

Harmonies

Analogous

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



72.2782, 71.4358, 60.8336



68.4095, 71.4358, 57.7599



64.5490, 71.4358, 59.6006

Triad

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



68.4095, 71.4358, 57.7599



61.2108, 71.4358, 87.9468



74.5099, 71.4358, 90.7247

Complementary

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



68.4095, 71.4358, 57.7599



57.5656, 60.3509, 87.2127

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.



71.3600, 71.4358, 99.3279



68.4095, 71.4358, 57.7599



63.6977, 71.4358, 97.6165

Square

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



68.4095, 71.4358, 57.7599



60.4898, 71.4358, 76.3282



67.3882, 71.4358, 101.9654



75.8867, 71.4358, 79.2530

Rectangle

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



68.4095, 71.4358, 57.7599



62.4820, 71.4358, 63.4753



67.3882, 71.4358, 101.9654



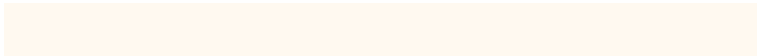
73.6174, 71.4358, 94.0901

Sweetspot

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



68.4114, 71.4390, 57.7614



90.9440, 95.5742, 95.8590



63.2926, 58.0486, 65.7749



19.3732, 20.3560, 20.2273



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.



68.4114, 71.4390, 57.7614



80.0572, 83.3502, 62.7900



71.0142, 79.6624, 59.2115



15.8673, 16.6577, 15.8977



25.2650, 22.2243, 2.9581



2.0746, 1.9266, 0.2625

Inverse Universe

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



57.5656, 60.3509, 87.2127



64.7848, 67.7389, 104.2681



55.2962, 53.4703, 86.0042



14.6771, 15.4406, 19.1290



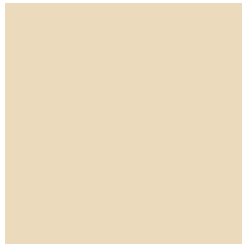
10.2629, 7.1729, 44.5866



0.8944, 0.7403, 3.5306

Previews

White Background



This preview shows how the XYZ color 68.4095, 71.4358, 57.7599 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 68.4095, 71.4358, 57.7599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

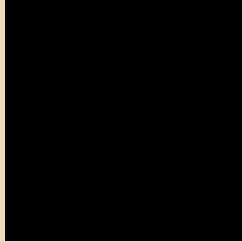
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.4095, 71.4358, 57.7599

Background



This preview shows how black text looks on a background with the XYZ color 68.4095, 71.4358, 57.7599.



This preview shows how white text looks on a background with the XYZ color 68.4095, 71.4358,

57.7599.

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

68.4095, 71.4358, 57.7599

Protanopia

67.4718, 71.3261, 58.3553

Deuteranopia

72.8737, 71.4565, 58.0957



Tritanopia

73.6215, 71.2694, 84.0048

Trichromacy



Original Color

68.4095, 71.4358, 57.7599

Protanomaly

67.7955, 71.4930, 58.3704

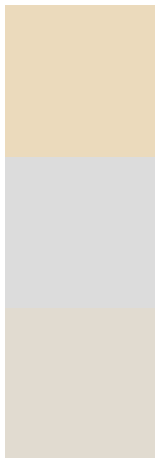
Deuteranomaly

71.2379, 71.3601, 58.1633

Tritanomaly

71.4441, 71.1253, 73.5814

Monochromacy



Original Color

68.4095, 71.4358, 57.7599

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.7680, 71.2247, 69.8505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4095, 71.4358, 57.7599 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(235, 218, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 218, 188)  
}
```

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(235, 218, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 218, 188) }
```

Border

The CSS property to change the border of an element to XYZ 68.4095, 71.4358, 57.7599 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(235, 218, 188) }
```


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

```
.border{ border-color:rgb(235, 218, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 218, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 218, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 218, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 218,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4095, 71.4358, 57.7599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 218, 188) }
```

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

```
.background{ background-color: rgb(235,  
218, 188) }
```

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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