

Converting Colors

XYZ(57.6699, 63.8740, 45.8486)

Have a look what the booklet for
XYZ(57.6699, 63.8740, 45.8486)
contains.

XYZ(57.6699, 63.8740, 45.8486)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.6699, 63.8740,
45.8486)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D4A7
RGB	212, 212, 167
RGB Percent	83%, 83%, 65%
CMY	0.1686, 0.1686, 0.3451
CMYK	0.00, 0.00, 0.21, 0.17
HSL	60°, 34%, 74%
HSV	60°, 21%, 83%
XYZ	57.6699, 63.8740, 45.8486
YIQ	206.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

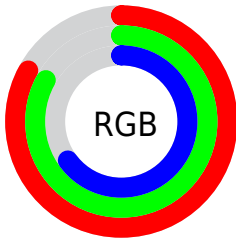
Format	Color
RYB	167, 212, 167
Decimal	13948071
CIELab	83.90, -7.31, 22.34
CIElCh	84, 23.502, 108.126
Yxy	63.8740, 0.3445, 0.3816
Android (android.graphics.Color)	4292138151 (0xFFD4D4A7)
YUV	206.8700, -19.6559, 4.4990
Hunter-Lab	79.9212, -11.0593, 21.9318

Details

The XYZ color **57.6699, 63.8740, 45.8486** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.6411, 40.6081, 67.9343**, and the grayscale version is **59.3419, 62.4323, 67.9888**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **29.0561, 32.5198, 20.9652** is the 20% darker color. If you saturate the color by 10%, you get **55.8686, 63.1556, 36.3588**, and if you desaturate by 10%, it is **59.7959, 64.7267, 57.0333**.

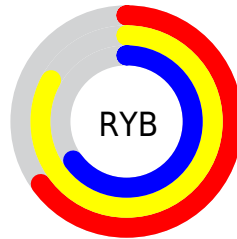
Distribution



Red (83%)

Green (83%)

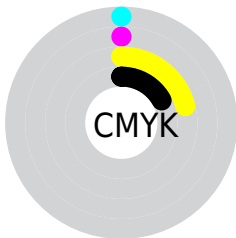
Blue (65%)



Red (65%)

Yellow (83%)

Blue (65%)

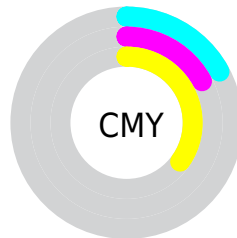


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (17%)



Cyan (17%)

Magenta (17%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6699, 63.8740, 45.8486 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 57.6699, 63.8740, 45.8486 by changing the saturation by 10% instead.


 57.6699, 63.8740,
45.8486


 57.6699, 63.8740,
45.8486


405.9285,
438.7345, 386.4595

 41.7856, 46.5486,
31.7786


 100.5677,
110.4295, 85.3243

 29.1238, 32.6790,
20.9290


 128.3119,
140.4283, 111.5670

 19.3192, 21.8806,
12.8814


160.7401,
175.4205, 142.7043

 12.0066, 13.7692,
7.2171

198.2177,
215.7903, 179.1548

 6.8204, 7.9603,
3.5178

241.1099,
261.9223, 221.3371

 3.3953, 4.0696,
1.3647

289.7823,

 1.3661, 1.7126,

314.2007, 269.6696

0.1140

344.6000,
373.0100, 324.5709

■ 0.2319, 0.4318,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6699, 63.8740,
45.8486

■ 57.6699, 63.8740,
45.8486

■ 55.8686, 63.1556,
36.3588

■ 59.7959, 64.7267,
57.0333

■ 54.3713, 62.5566,
28.4775

■ 62.2562, 65.7109,
69.9857

■ 53.1627, 62.0731,
22.1169

■ 65.0661, 66.8349,
84.7791

■ 52.2243, 61.6977,
17.1789

■ 68.2386, 68.1039,
101.4815

■ 51.5354, 61.4220,
13.5542

■ 68.7496, 68.3084,
104.1691

■ 51.0720, 61.2366,
11.1176

■ 68.7502, 68.3088,
104.1691

■ 50.8059, 61.1301,
9.7198

■ 68.7509, 68.3091,
104.1692

■ 50.6912, 61.0841,
9.1187

■ 68.7515, 68.3094,
104.1692

■ 68.7522, 68.3098,
104.1692

Harmonies

Analogous

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



62.7787, 63.8740, 45.2425



57.6699, 63.8740, 45.8486



53.6051, 63.8740, 52.2233

Triad

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



57.6699, 63.8740, 45.8486



54.3139, 63.8740, 92.9733



70.9670, 63.8740, 75.5716

Complementary

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



57.6699, 63.8740, 45.8486



41.6411, 40.6081, 67.9343

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.



68.4171, 63.8740, 90.3341



57.6699, 63.8740, 45.8486



58.6879, 63.8740, 101.2935

Square

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



57.6699, 63.8740, 45.8486



51.7446, 63.8740, 78.7863



63.8558, 63.8740, 100.2644



70.6561, 63.8740, 61.0615

Rectangle

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



57.6699, 63.8740, 45.8486



51.9447, 63.8740, 59.4715



63.8558, 63.8740, 100.2644



70.4104, 63.8740, 80.7027

Sweetspot

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



57.6716, 63.8768, 45.8500



92.6830, 99.0531, 96.4389



47.9472, 44.4260, 42.6081



19.7853, 21.1804, 20.3647



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.



57.6716, 63.8768, 45.8500



86.4290, 96.5513, 63.5156



51.6314, 60.7630, 45.5673



13.4728, 14.5199, 13.2532



31.2926, 37.7082, 5.6291



1.8875, 2.2744, 0.3395

Inverse Universe

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



41.6411, 40.6081, 67.9343



58.2859, 55.7004, 102.2870



46.8148, 43.2752, 68.1764



11.7428, 12.0088, 15.6365



7.3366, 2.9347, 38.6329



0.4426, 0.1770, 2.3302

Previews

White Background



This preview shows how the XYZ color 57.6699, 63.8740, 45.8486 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 57.6699, 63.8740, 45.8486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

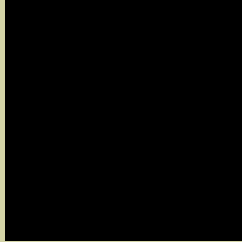
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

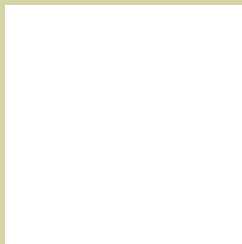
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6699, 63.8740, 45.8486

Background



This preview shows how black text looks on a background with the XYZ color 57.6699, 63.8740, 45.8486.



This preview shows how white text looks on a background with the XYZ color 57.6699, 63.8740,

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

57.6699, 63.8740, 45.8486

Protanopia

59.7162, 63.8471, 44.7737

Deuteranopia

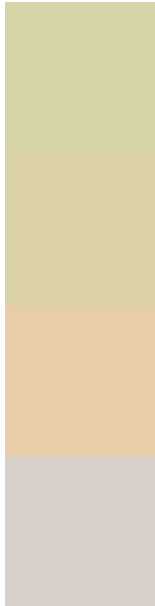
65.0102, 63.6925, 46.4036



Tritanopia

64.0959, 63.9432, 77.3707

Trichromacy



Original Color

57.6699, 63.8740, 45.8486

Protanomaly

58.8430, 63.7518, 45.2804

Deuteranomaly

62.1779, 63.6456, 46.0535

Tritanomaly

61.4174, 63.9277, 64.3606

Monochromacy



Original Color

57.6699, 63.8740, 45.8486

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6094, 62.9620, 58.9330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6699, 63.8740, 45.8486 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(212, 212, 167)` looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 167)  
}
```

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(212, 212, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 167) }
```

Border

The CSS property to change the border of an element to XYZ 57.6699, 63.8740, 45.8486 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(212, 212, 167) }
```


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

```
.border{ border-color:rgb(212, 212, 167) }
```

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

Here you see how a box with a 4 pixel rgb(212, 212, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 167);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6699, 63.8740, 45.8486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 212, 167) }
```

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

```
.background{ background-color: rgb(212,  
212, 167) }
```

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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