

Converting Colors

XYZ(57.0994, 59.2595, 45.8977)

Have a look what the booklet for
XYZ(57.0994, 59.2595, 45.8977)
contains.

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Color

**XYZ(57.0291, 59.2332,
45.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC8A9
RGB	219, 200, 169
RGB Percent	86%, 78%, 66%
CMY	0.1412, 0.2157, 0.3372
CMYK	0.00, 0.09, 0.23, 0.14
HSL	37°, 41%, 76%
HSV	37°, 23%, 86%
XYZ	57.0291, 59.2332, 45.9635
YIQ	202.1470, 21.2750, -5.6130

Conversions

Conversions Part 2

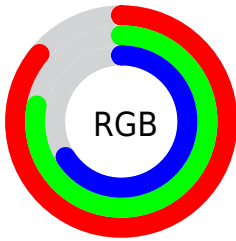
Format	Color
R _Y B	200, 219, 169
Decimal	14403753
CIE Lab	81.42, 1.81, 17.93
CIE LCh	81, 18.025, 84.248
Yxy	59.2332, 0.3515, 0.3651
Android (android.graphics.Color)	4292593833 (0xFFDBC8A9)
YUV	202.1470, -16.3415, 14.7801
Hunter-Lab	76.9631, -2.4182, 18.4653

Details

The XYZ color **57.0291, 59.2332, 45.9635** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.1312, 49.5146, 74.0913**, and the grayscale version is **56.3216, 59.2547, 64.5283**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **28.7996, 29.7346, 21.0511** is the 20% darker color. If you saturate the color by 10%, you get **53.2686, 54.7312, 35.4022**, and if you desaturate by 10%, it is **61.2420, 64.0880, 58.3759**.

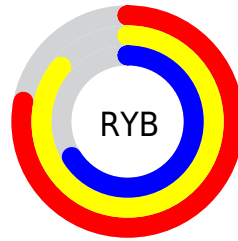
Distribution



Red (86%)

Green (78%)

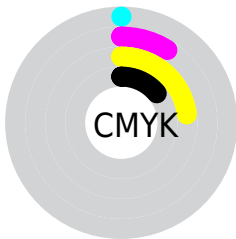
Blue (66%)



Red (78%)

Yellow (86%)

Blue (66%)

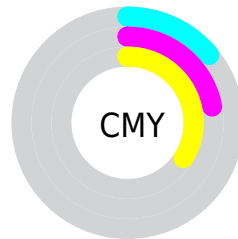


Cyan (0%)

Magenta (9%)

Yellow (23%)

Black (14%)



Cyan (14%)

Magenta (22%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0291, 59.2332, 45.9635 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 57.0291, 59.2332, 45.9635 by changing the saturation by 10% instead.

■ 57.0291, 59.2332,
45.9635

■ 57.0291, 59.2332,
45.9635

403.5708,
421.7656, 386.9352

■ 41.2688, 42.8009,
31.8686

■ 99.6388, 103.7165,
85.4981

■ 28.7178, 29.7289,
20.9971

127.2189,
132.5363, 111.7748

■ 19.0107, 19.6329,
12.9307

159.4696,
166.2540, 142.9492

■ 11.7820, 12.1285,
7.2507

196.7564,
205.2541, 179.4398

■ 6.6666, 6.8312,
3.5385

239.4446,
249.9209, 221.6652

■ 3.2989, 3.3568,
1.3758

287.8994,

■ 1.3137, 1.3207,

300.6388, 270.0438

0.1227

342.4864,
357.7922, 324.9943

■ 0.1935, 0.1572,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0291, 59.2332,
45.9635

■ 57.0291, 59.2332,
45.9635

■ 53.2686, 54.7312,
35.4022

■ 61.2420, 64.0880,
58.3759

■ 49.9371, 50.5640,
26.5975

■ 65.9202, 69.2973,
72.7202

■ 47.0157, 46.7232,
19.4519

■ 71.0817, 74.8728,
89.0770

■ 44.4823, 43.1973,
13.8572

■ 76.4833, 80.7196,
106.1571

■ 42.3122, 39.9735,
9.6918

■ 78.8983, 85.5497,
106.9621

■ 40.4770, 37.0376,
6.8158

■ 81.4259, 90.6049,
107.8046

■ 38.9430, 34.3730,
5.0607

■ 83.0235, 93.8001,
108.3372

■ 37.9897, 32.6124,
4.2925

Harmonies

Analogous

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



60.6424, 59.2332, 49.0693



57.0291, 59.2332, 45.9635



53.3741, 59.2332, 47.3554

Triad

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



57.0291, 59.2332, 45.9635



49.9444, 59.2332, 73.4034



62.3904, 59.2332, 77.4028

Complementary

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



57.0291, 59.2332, 45.9635



47.1312, 49.5146, 74.0913

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.



59.3296, 59.2332, 85.3390



57.0291, 59.2332, 45.9635



52.1688, 59.2332, 82.8554

Square

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



57.0291, 59.2332, 45.9635



49.3897, 59.2332, 62.4363



55.5759, 59.2332, 87.4378



63.8252, 59.2332, 66.5982

Rectangle

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



57.0291, 59.2332, 45.9635



51.3906, 59.2332, 50.7357



55.5759, 59.2332, 87.4378



61.5111, 59.2332, 80.5407

Sweetspot

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



57.0307, 59.2359, 45.9647



90.1827, 94.6525, 93.7523



52.4970, 47.0747, 53.9913



19.2164, 20.1634, 19.8014



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.



57.0307, 59.2359, 45.9647



78.0949, 80.7636, 58.0109



59.9823, 67.6990, 47.4427



13.7251, 14.3895, 13.7796



22.6347, 19.5550, 2.5815



1.5485, 1.4311, 0.1946

Inverse Universe

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



47.1312, 49.5146, 74.0913



61.9563, 64.9183, 103.8728



44.6166, 42.5859, 72.8864



12.7421, 13.4239, 16.5716



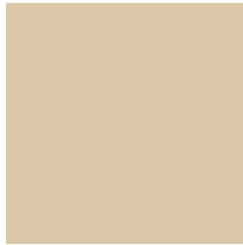
9.5226, 6.9146, 40.5712



0.6985, 0.6111, 2.6556

Previews

White Background



This preview shows how the XYZ color 57.0291, 59.2332, 45.9635 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 57.0291, 59.2332, 45.9635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

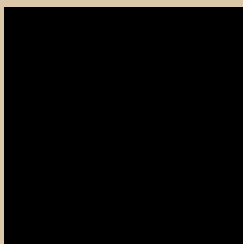
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

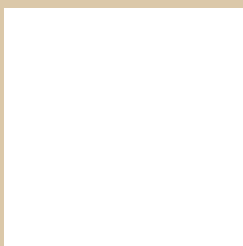
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0291, 59.2332, 45.9635

Background



This preview shows how black text looks on a background with the XYZ color 57.0291, 59.2332, 45.9635.



This preview shows how white text looks on a background with the XYZ color 57.0291, 59.2332,

45.9635.

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

57.0291, 59.2332, 45.9635

Protanopia

55.8168, 59.2895, 46.5324

Deuteranopia

60.3751, 59.2561, 46.2857



Tritanopia

61.5409, 59.0343, 68.4728

Trichromacy



Original Color

57.0291, 59.2332, 45.9635

Protanomaly

56.1667, 59.1226, 46.4817

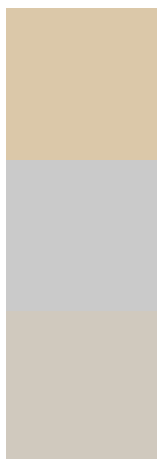
Deuteranomaly

59.2169, 59.3288, 46.3607

Tritanomaly

59.6017, 58.9045, 59.2673

Monochromacy



Original Color

57.0291, 59.2332, 45.9635

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1933, 58.9009, 57.1225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0291, 59.2332, 45.9635 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(219, 200, 169)` looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 169)  
}
```

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(219, 200, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 169) }
```

Border

The CSS property to change the border of an element to XYZ 57.0291, 59.2332, 45.9635 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(219, 200, 169) }
```


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

```
.border{ border-color:rgb(219, 200, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 200, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 169);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0291, 59.2332, 45.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 169) }
```

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

```
.background{ background-color: rgb(219,  
200, 169) }
```

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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