

Converting Colors

XYZ(57.9447, 60.0061, 48.0635)

Have a look what the booklet for
XYZ(57.9447, 60.0061, 48.0635)
contains.

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Color

**XYZ(57.9447, 60.0061,
48.0635)**

Conversions

Conversions Part 1

Format	Color
Hex	DCC9AD
RGB	220, 201, 173
RGB Percent	86%, 79%, 68%
CMY	0.1373, 0.2117, 0.3216
CMYK	0.00, 0.09, 0.21, 0.14
HSL	36°, 40%, 77%
HSV	36°, 21%, 86%
XYZ	57.9447, 60.0061, 48.0635
YIQ	203.4890, 20.3120, -4.6800

Conversions

Conversions Part 2

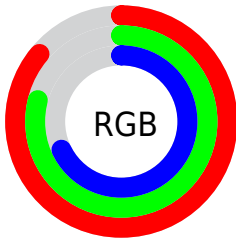
Format	Color
RYB	205, 220, 173
Decimal	14469549
CIELab	81.84, 2.23, 16.41
CIELCh	82, 16.562, 82.252
Yxy	60.0061, 0.3490, 0.3615
Android (android.graphics.Color)	4292659629 (0xFFDCC9AD)
YUV	203.4890, -15.0311, 14.4801
Hunter-Lab	77.4636, -2.0389, 17.4371

Details

The XYZ color **57.9447, 60.0061, 48.0635** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0012, 51.7496, 75.1166**, and the grayscale version is **57.1563, 60.1329, 65.4847**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **29.4020, 30.2472, 22.3778** is the 20% darker color. If you saturate the color by 10%, you get **53.9761, 55.1995, 37.0886**, and if you desaturate by 10%, it is **62.3871, 65.1983, 60.9272**.

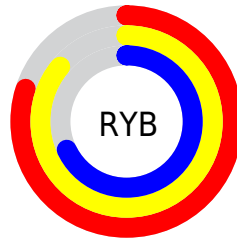
Distribution



Red (86%)

Green (79%)

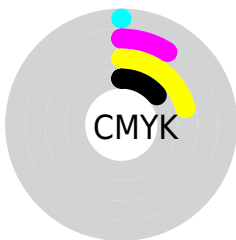
Blue (68%)



Red (80%)

Yellow (86%)

Blue (68%)

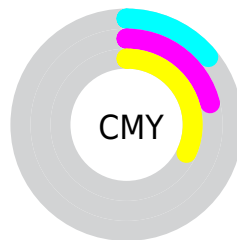


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (14%)



Cyan (14%)

Magenta (21%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9447, 60.0061, 48.0635 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 57.9447, 60.0061, 48.0635 by changing the saturation by 10% instead.

■ 57.9447, 60.0061,
48.0635

■ 57.9447, 60.0061,
48.0635

406.9370,
424.6203, 395.5597

■ 42.0073, 43.4236,
33.5168

■ 100.9658,
104.8385, 88.6655

■ 29.2981, 30.2176,
22.2483

128.7801,
133.8572, 115.5579

■ 19.4519, 20.0038,
13.8394

161.2841,
167.7900, 147.4026

■ 12.1032, 12.3978,
7.8716

198.8432,
207.0214, 184.6181

■ 6.8867, 7.0152,
3.9263

241.8227,
251.9357, 227.6231

■ 3.4370, 3.4716,
1.5850

290.5879,

■ 1.3889, 1.3826,

302.9173, 276.8360

0.2801

345.5042,
360.3507, 332.6753

■ 0.2483, 0.2039,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9447, 60.0061,
48.0635

■ 57.9447, 60.0061,
48.0635

■ 53.9761, 55.1995,
37.0886

■ 62.3871, 65.1983,
60.9272

■ 50.4573, 50.7596,
27.9076

■ 67.3164, 70.7784,
75.7605

■ 47.3694, 46.6775,
20.4233

■ 72.7511, 76.7588,
92.6443

■ 44.6897, 42.9407,
14.5276

■ 77.7257, 82.7563,
106.4847

■ 42.3932, 39.5359,
10.0997

■ 80.3581, 88.0211,
107.3622

■ 40.4517, 36.4480,
7.0011

■ 83.1198, 93.5446,
108.2828

■ 38.8315, 33.6600,
5.0665

■ 83.3254, 93.9557,
108.3513

■ 37.6431, 31.4713,
4.0906

Harmonies

Analogous

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



61.2472, 60.0061, 51.2712



57.9447, 60.0061, 48.0635



54.5272, 60.0061, 49.0954

Triad

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



57.9447, 60.0061, 48.0635



51.0384, 60.0061, 72.8977



62.5136, 60.0061, 77.8394

Complementary

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



57.9447, 60.0061, 48.0635



49.0012, 51.7496, 75.1166

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.



59.6164, 60.0061, 84.8141



57.9447, 60.0061, 48.0635



53.0186, 60.0061, 81.7641

Square

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



57.9447, 60.0061, 48.0635



50.6318, 60.0061, 62.7762



56.1329, 60.0061, 86.3192



63.9543, 60.0061, 67.9654

Rectangle

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



57.9447, 60.0061, 48.0635



52.6343, 60.0061, 52.1026



56.1329, 60.0061, 86.3192



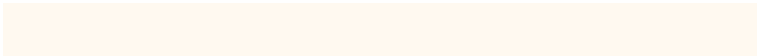
61.6723, 60.0061, 80.6405

Sweetspot

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



57.9463, 60.0088, 48.0648



90.7426, 95.1714, 95.7919



54.0386, 48.9352, 56.8067



19.3256, 20.2607, 20.2114



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.



57.9463, 60.0088, 48.0648



78.1924, 80.5204, 59.3944



61.4801, 68.8156, 49.5784



13.6979, 14.3351, 13.7706



22.2042, 18.6940, 2.4380



1.5222, 1.3785, 0.1858

Inverse Universe

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



49.0012, 51.7496, 75.1166



63.3888, 66.8542, 104.1709



45.9751, 44.3926, 73.8560



12.7685, 13.4768, 16.5804



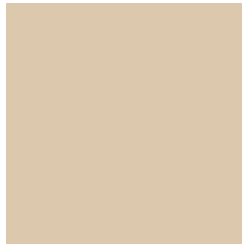
9.7768, 7.4231, 40.6559



0.7165, 0.6472, 2.6616

Previews

White Background



This preview shows how the XYZ color 57.9447, 60.0061, 48.0635 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 57.9447, 60.0061, 48.0635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

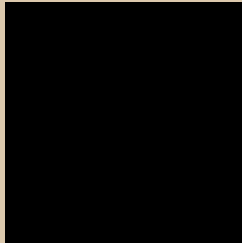
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9447, 60.0061, 48.0635

Background



This preview shows how black text looks on a background with the XYZ color 57.9447, 60.0061, 48.0635.



This preview shows how white text looks on a background with the XYZ color 57.9447, 60.0061,

48.0635.

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

57.9447, 60.0061, 48.0635

Protanopia

56.7275, 60.0640, 48.6481

Deuteranopia

61.3116, 60.0283, 48.3995



Tritanopia

62.5491, 60.1906, 69.9493

Trichromacy



Original Color

57.9447, 60.0061, 48.0635

Protanomaly

57.0794, 59.8960, 48.5971

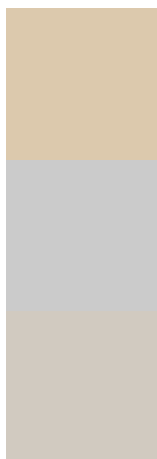
Deuteranomaly

60.1472, 60.1022, 48.4752

Tritanomaly

60.7036, 60.1074, 61.2258

Monochromacy



Original Color

57.9447, 60.0061, 48.0635

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.9295, 59.6021, 58.3730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9447, 60.0061, 48.0635 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(220, 201, 173)` looks like.

```
.text, #text, p{  
    color:rgb(220, 201, 173)  
}
```

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(220, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 201, 173) }
```

Border

The CSS property to change the border of an element to XYZ 57.9447, 60.0061, 48.0635 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(220, 201, 173) }
```


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

```
.border{ border-color:rgb(220, 201, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 201, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 201, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 201, 173); box-shadow:4px 4px 4px 4px rgb(220, 201, 173) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9447, 60.0061, 48.0635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 201, 173) }
```

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

```
.background{ background-color: rgb(220,  
201, 173) }
```

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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