

Converting Colors

XYZ(57.6381, 62.1030, 49.6628)

Have a look what the booklet for
XYZ(57.6381, 62.1030, 49.6628)
contains.

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Color

**XYZ(57.4913, 61.8669,
49.4688)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CF AF
RGB	213, 207, 175
RGB Percent	84%, 81%, 69%
CMY	0.1647, 0.1882, 0.3137
CMYK	0.00, 0.03, 0.18, 0.16
HSL	51°, 31%, 76%
HSV	51°, 18%, 84%
XYZ	57.4913, 61.8669, 49.4688
YIQ	205.1460, 13.8480, -8.6800

Conversions

Conversions Part 2

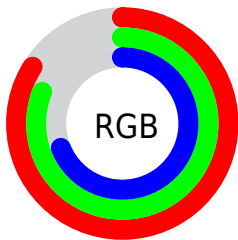
Format	Color
RYB	182, 213, 175
Decimal	14012335
CIELab	82.84, -3.19, 16.67
CIELCh	83, 16.969, 100.838
Yxy	61.8669, 0.3405, 0.3665
Android (android.graphics.Color)	4292202415 (0xFFD5CFAF)
YUV	205.1460, -14.8620, 6.8880
Hunter-Lab	78.6555, -7.1770, 17.7696

Details

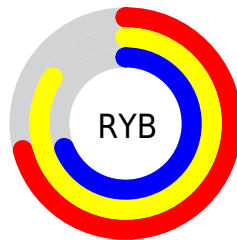
The XYZ color **57.4913, 61.8669, 49.4688** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.2132, 46.9650, 69.5808**, and the grayscale version is **58.2080, 61.2394, 66.6897**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **29.0046, 31.4567, 22.9554** is the 20% darker color. If you saturate the color by 10%, you get **54.7572, 59.4863, 39.0377**, and if you desaturate by 10%, it is **60.5761, 64.4197, 61.6463**.

Distribution



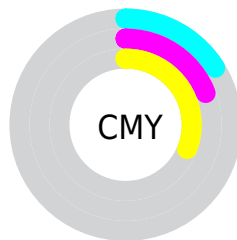
- Red (84%)
- Green (81%)
- Blue (69%)



- Red (71%)
- Yellow (84%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4913, 61.8669, 49.4688 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 57.4913, 61.8669, 49.4688 by changing the saturation by 10% instead.

■ 57.4913, 61.8669,
49.4688

■ 57.4913, 61.8669,
49.4688

405.2722,
431.4454, 401.2604

■ 41.6415, 44.9252,
34.6233

■ 100.3089,
107.5331, 90.7755

■ 29.0106, 31.3985,
23.0916

128.0075,
137.0264, 118.0738

■ 19.2331, 20.9025,
14.4552

160.3863,
171.4724, 150.3601

■ 11.9439, 13.0527,
8.2956

197.8108,
211.2553, 188.0529

■ 6.7774, 7.4649,
4.1942

240.6462,
256.7597, 231.5708

■ 3.3684, 3.7545,
1.7325

289.2581,

■ 1.3514, 1.5372,

308.3699, 281.3323

0.3828

344.0116,
366.4704, 337.7560

■ 0.2212, 0.3147,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4913, 61.8669,
49.4688

■ 57.4913, 61.8669,
49.4688

■ 54.7572, 59.4863,
39.0377

■ 60.5761, 64.4197,
61.6463

■ 52.3532, 57.2632,
30.2677

■ 64.0212, 67.1424,
75.6423

■ 50.2644, 55.1936,
23.0724

■ 67.8418, 70.0434,
91.5295

■ 48.4723, 53.2699,
17.3559

■ 71.2019, 72.7884,
104.9046

■ 46.9566, 51.4839,
13.0119

■ 72.0953, 74.5751,
105.2024

■ 45.6944, 49.8260,
9.9197

■ 73.0065, 76.3976,
105.5061

■ 44.6587, 48.2855,
7.9378

■ 73.9356, 78.2559,
105.8158

■ 43.8113, 46.8468,
6.8654

■ 74.8829, 80.1503,
106.1316

■ 43.6397, 46.5441,
6.6838

■ 75.8482, 82.0810,
106.4533

Harmonies

Analogous

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



61.1391, 61.8669, 50.0866



57.4913, 61.8669, 49.4688



54.3266, 61.8669, 53.2568

Triad

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



57.4913, 61.8669, 49.4688



53.6455, 61.8669, 81.3966



65.6924, 61.8669, 74.1856

Complementary

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



57.4913, 61.8669, 49.4688



46.2132, 46.9650, 69.5808

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.



63.5180, 61.8669, 83.7620



57.4913, 61.8669, 49.4688



56.5264, 61.8669, 88.2140

Square

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



57.4913, 61.8669, 49.4688



52.1682, 61.8669, 71.2177



60.1338, 61.8669, 89.1219



65.9770, 61.8669, 63.6491

Rectangle

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



57.4913, 61.8669, 49.4688



52.8779, 61.8669, 58.0254



60.1338, 61.8669, 89.1219



65.1541, 61.8669, 77.6512

Sweetspot

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



57.4929, 61.8696, 49.4701



92.4262, 97.9290, 98.2322



51.1460, 48.1568, 50.4959



19.7065, 20.8997, 20.7170



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.



57.4929, 61.8696, 49.4701



84.9592, 91.7453, 68.7671



55.4414, 63.0096, 49.7983



13.2982, 14.1706, 13.1950



26.7189, 28.5551, 4.1034



1.6574, 1.8140, 0.2628

Inverse Universe

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



46.2132, 46.9650, 69.5808



65.2803, 65.7435, 103.8569



47.9980, 46.1140, 69.3225



11.8993, 12.3220, 15.6887



7.7274, 3.7165, 38.7632



0.5167, 0.3255, 2.3549

Previews

White Background



This preview shows how the XYZ color 57.4913, 61.8669, 49.4688 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 57.4913, 61.8669, 49.4688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

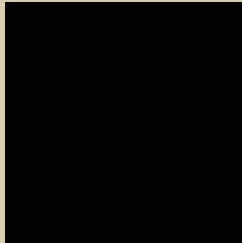
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

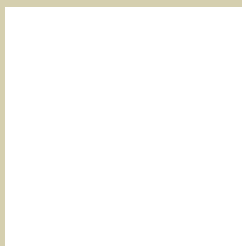
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4913, 61.8669, 49.4688

Background



This preview shows how black text looks on a background with the XYZ color 57.4913, 61.8669, 49.4688.



This preview shows how white text looks on a background with the XYZ color 57.4913, 61.8669,

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

57.4913, 61.8669, 49.4688

Protanopia

58.3266, 61.9503, 48.9279

Deuteranopia

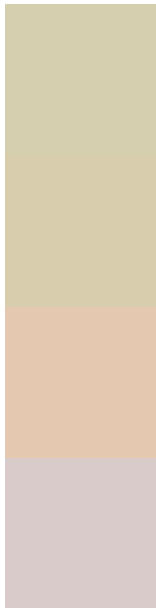
63.0549, 61.5670, 50.1552



Tritanopia

62.6244, 61.8431, 74.2819

Trichromacy



Original Color

57.4913, 61.8669, 49.4688

Protanomaly

58.0302, 61.7975, 48.9140

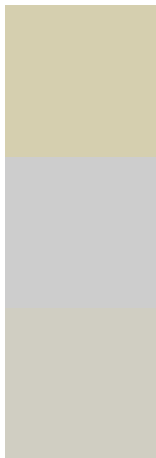
Deuteranomaly

60.7180, 61.4019, 49.7259

Tritanomaly

60.6319, 61.7279, 64.5961

Monochromacy



Original Color

57.4913, 61.8669, 49.4688

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.8213, 61.4476, 59.8520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4913, 61.8669, 49.4688 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(213, 207, 175)` looks like.

```
.text, #text, p{  
    color:rgb(213, 207, 175)  
}
```

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(213, 207, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 207, 175) }
```

Border

The CSS property to change the border of an element to XYZ 57.4913, 61.8669, 49.4688 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(213, 207, 175) }
```


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

```
.border{ border-color:rgb(213, 207, 175) }
```

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

Here you see how a box with a 4 pixel rgb(213, 207, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 207, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 207, 175);  
box-shadow:4px 4px 4px 4px rgb(213, 207,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4913, 61.8669, 49.4688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 207, 175) }
```

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

```
.background{ background-color: rgb(213,  
207, 175) }
```

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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