

Converting Colors

XYZ(57.6900, 61.9844, 48.5029)

Have a look what the booklet for
XYZ(57.6900, 61.9844, 48.5029)
contains.

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Color

**XYZ(57.5872, 61.9389,
48.4554)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CFAD
RGB	214, 207, 173
RGB Percent	84%, 81%, 68%
CMY	0.1608, 0.1882, 0.3216
CMYK	0.00, 0.03, 0.19, 0.16
HSL	50°, 33%, 76%
HSV	50°, 19%, 84%
XYZ	57.5872, 61.9389, 48.4554
YIQ	205.2170, 15.0860, -9.0900

Conversions

Conversions Part 2

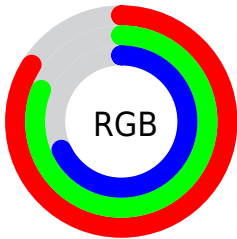
Format	Color
RYB	181, 214, 173
Decimal	14077869
CIELab	82.88, -3.12, 17.79
CIElCh	83, 18.061, 99.951
Yxy	61.9389, 0.3428, 0.3687
Android (android.graphics.Color)	4292267949 (0xFFD6CFAD)
YUV	205.2170, -15.8830, 7.7027
Hunter-Lab	78.7013, -7.1154, 18.5868

Details

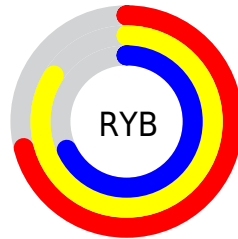
The XYZ color **57.5872, 61.9389, 48.4554** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.6923, 46.3808, 70.1629**, and the grayscale version is **58.2590, 61.2930, 66.7481**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **29.1405, 31.5339, 22.6399** is the 20% darker color. If you saturate the color by 10%, you get **54.8063, 59.4295, 38.1174**, and if you desaturate by 10%, it is **60.7236, 64.6274, 60.5497**.

Distribution



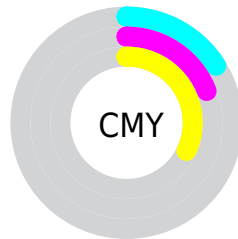
- Red (84%)
- Green (81%)
- Blue (68%)



- Red (71%)
- Yellow (84%)
- Blue (68%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5872, 61.9389, 48.4554 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 57.5872, 61.9389, 48.4554 by changing the saturation by 10% instead.

■ 57.5872, 61.9389,
48.4554

■ 57.5872, 61.9389,
48.4554

405.6247,
431.7082, 397.1551

■ 41.7188, 44.9833,
33.8251

■ 100.4479,
107.6372, 89.2547

■ 29.0713, 31.4443,
22.4830

128.1710,
137.1488, 116.2607

■ 19.2794, 20.9374,
14.0105

160.5763,
171.6144, 148.2291

■ 11.9775, 13.0783,
7.9892

198.0293,
211.4186, 185.5784

■ 6.8005, 7.4825,
4.0003

240.8953,
256.9456, 228.7271

■ 3.3828, 3.7656,
1.6255

289.5396,

■ 1.3593, 1.5433,

308.5800, 278.0937

0.3089

344.3276,
366.7060, 334.0969

■ 0.2269, 0.3189,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5872, 61.9389,
48.4554

■ 57.5872, 61.9389,
48.4554

■ 54.8063, 59.4295,
38.1174

■ 60.7236, 64.6274,
60.5497

■ 52.3600, 57.0843,
29.4488

■ 64.2254, 67.4930,
74.4739

■ 50.2329, 54.8991,
22.3611

■ 68.1081, 70.5441,
90.3022

■ 48.4061, 52.8662,
16.7560

■ 71.7997, 73.5521,
105.0205

■ 46.8588, 50.9768,
12.5243

■ 72.7778, 75.5083,
105.3465

■ 45.5671, 49.2214,
9.5416

■ 73.7770, 77.5068,
105.6796

■ 44.5032, 47.5884,
7.6611

■ 74.7975, 79.5477,
106.0197

■ 43.6212, 46.0594,
6.6430

■ 75.8393, 81.6314,
106.3670

■ 43.5504, 45.9335,
6.5707

■ 76.9027, 83.7581,
106.7215

Harmonies

Analogous

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



61.4743, 61.9389, 49.2430



57.5872, 61.9389, 48.4554



54.1948, 61.9389, 52.3078

Triad

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



57.5872, 61.9389, 48.4554



53.3180, 61.9389, 82.1621



66.1854, 61.9389, 75.0593

Complementary

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



57.5872, 61.9389, 48.4554



45.6923, 46.3808, 70.1629

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.



63.8089, 61.9389, 85.2430



57.5872, 61.9389, 48.4554



56.3424, 61.9389, 89.6467

Square

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



57.5872, 61.9389, 48.4554



51.8028, 61.9389, 71.2131



60.1739, 61.9389, 90.8324



66.5547, 61.9389, 63.8044

Rectangle

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



57.5872, 61.9389, 48.4554



52.6274, 61.9389, 57.2672



60.1739, 61.9389, 90.8324



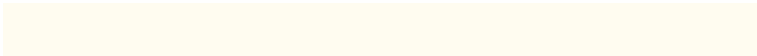
65.5899, 61.9389, 78.7534

Sweetspot

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



57.5888, 61.9417, 48.4567



91.8565, 97.3992, 96.1632



50.9668, 47.5005, 49.9396



19.5893, 20.7881, 20.2993



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.



57.5888, 61.9417, 48.4567



83.8940, 90.5621, 65.4922



55.6818, 63.5306, 48.8639



13.2842, 14.1425, 13.1903



26.3903, 27.8978, 3.9939



1.6405, 1.7801, 0.2571

Inverse Universe

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



45.6923, 46.3808, 70.1629



63.0634, 63.3174, 103.5054



47.3276, 45.1801, 69.8449



11.9122, 12.3477, 15.6930



7.7795, 3.8207, 38.7806



0.5228, 0.3376, 2.3569

Previews

White Background



This preview shows how the XYZ color 57.5872, 61.9389, 48.4554 looks on a white background.

Color Contrast Check

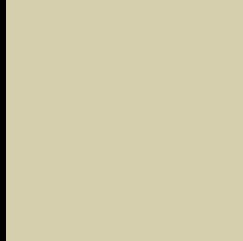
Large Text (above 18pt) WCAG AA × Fail

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 57.5872, 61.9389, 48.4554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

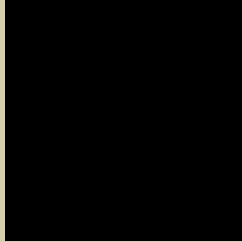
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

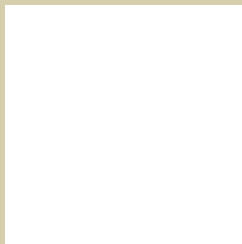
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5872, 61.9389, 48.4554

Background



This preview shows how black text looks on a background with the XYZ color 57.5872, 61.9389, 48.4554.



This preview shows how white text looks on a background with the XYZ color 57.5872, 61.9389,

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

57.5872, 61.9389, 48.4554

Protanopia

58.4311, 62.0266, 47.9224

Deuteranopia

62.8570, 61.4878, 49.1129



Tritanopia

62.9262, 61.9987, 74.2960

Trichromacy



Original Color

57.5872, 61.9389, 48.4554

Protanomaly

58.1330, 61.8729, 47.9085

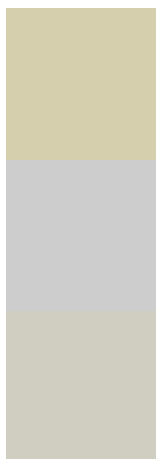
Deuteranomaly

60.8397, 61.4873, 48.7060

Tritanomaly

60.8120, 61.8343, 63.9884

Monochromacy



Original Color

57.5872, 61.9389, 48.4554

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7094, 61.4028, 59.2624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5872, 61.9389, 48.4554 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(214, 207, 173)` looks like.

```
.text, #text, p{  
    color:rgb(214, 207, 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(214, 207, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 207, 173) }
```

Border

The CSS property to change the border of an element to XYZ 57.5872, 61.9389, 48.4554 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(214, 207, 173) }
```


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

```
.border{ border-color:rgb(214, 207, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 207, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 207, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 207, 173);  
box-shadow:4px 4px 4px 4px rgb(214, 207,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5872, 61.9389, 48.4554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 207, 173) }
```

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

```
.background{ background-color: rgb(214,  
207, 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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