

Converting Colors

XYZ(56.3416, 61.1918, 49.1273)

Have a look what the booklet for
XYZ(56.3416, 61.1918, 49.1273)
contains.

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Color

**XYZ(56.2473, 61.2369,
48.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CFAE
RGB	209, 207, 174
RGB Percent	82%, 81%, 68%
CMY	0.1804, 0.1882, 0.3176
CMYK	0.00, 0.01, 0.17, 0.18
HSL	57°, 28%, 75%
HSV	57°, 17%, 82%
XYZ	56.2473, 61.2369, 48.8998
YIQ	203.8360, 11.7850, -9.8390

Conversions

Conversions Part 2

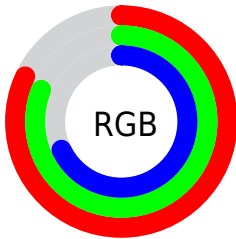
Format	Color
RYB	176, 209, 174
Decimal	13750190
CIELab	82.51, -4.81, 16.68
CIElCh	83, 17.358, 106.094
Yxy	61.2369, 0.3381, 0.3680
Android (android.graphics.Color)	4291940270 (0xFFD1CFAE)
YUV	203.8360, -14.7091, 4.5288
Hunter-Lab	78.2540, -8.6426, 17.7283

Details

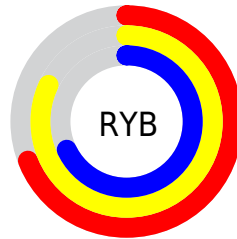
The XYZ color **56.2473, 61.2369, 48.8998** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4895, 44.6520, 66.5959**, and the grayscale version is **57.3770, 60.3651, 65.7376**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **28.2305, 31.0576, 22.9192** is the 20% darker color. If you saturate the color by 10%, you get **54.0793, 59.9115, 38.8949**, and if you desaturate by 10%, it is **58.7378, 62.6989, 60.5779**.

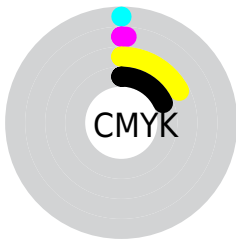
Distribution



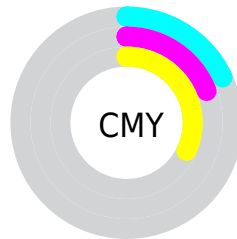
- Red (82%)
- Green (81%)
- Blue (68%)



- Red (69%)
- Yellow (82%)
- Blue (68%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2473, 61.2369, 48.8998 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 56.2473, 61.2369, 48.8998 by changing the saturation by 10% instead.

■ 56.2473, 61.2369,
48.8998

■ 56.2473, 61.2369,
48.8998

400.6827,
429.1421, 398.9588

■ 40.6390, 44.4164,
34.1750

■ 98.5038, 106.6219,
89.9221

■ 28.2235, 30.9980,
22.7496

125.8827,
135.9551, 117.0566

■ 18.6356, 20.5973,
14.2052

157.9158,
170.2281, 149.1647

■ 11.5097, 12.8300,
8.1231

194.9686,
209.8251, 186.6650

■ 6.4806, 7.3116,
4.0849

237.4063,
255.1306, 229.9761

■ 3.1828, 3.6577,
1.6721

285.5943,

■ 1.2512, 1.4840,

306.5290, 279.5163

0.3415

339.8980,
364.4047, 335.7044

■ 0.1462, 0.2774,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2473, 61.2369,
48.8998

■ 56.2473, 61.2369,
48.8998

■ 54.0793, 59.9115,
38.8949

■ 58.7378, 62.6989,
60.5779

■ 52.2143, 58.7088,
30.4821

■ 61.5597, 64.2949,
73.9972

■ 50.6382, 57.6250,
23.5800

■ 64.7274, 66.0327,
89.2268

■ 49.3338, 56.6534,
18.0977

■ 67.8312, 67.7485,
104.1094

■ 48.2820, 55.7863,
13.9353

■ 68.1298, 68.3456,
104.2089

■ 47.4614, 55.0152,
10.9793

■ 68.4306, 68.9472,
104.3092

■ 46.8467, 54.3298,
9.0976

■ 68.7336, 69.5533,
104.4102

■ 46.4054, 53.7173,
8.1179

■ 69.0388, 70.1637,
104.5120

■ 46.2800, 53.5259,
7.8923

■ 69.3463, 70.7786,
104.6144

Harmonies

Analogous

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



59.9363, 61.2369, 48.7356



56.2473, 61.2369, 48.8998



53.2108, 61.2369, 53.4804

Triad

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



56.2473, 61.2369, 48.8998



53.3926, 61.2369, 82.5171



65.4116, 61.2369, 71.7114

Complementary

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



56.2473, 61.2369, 48.8998



44.4895, 44.6520, 66.5959

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.



63.4999, 61.2369, 81.8823



56.2473, 61.2369, 48.8998



56.5051, 61.2369, 88.5550

Square

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



56.2473, 61.2369, 48.8998



51.6111, 61.2369, 72.5060



60.2052, 61.2369, 88.3110



65.3354, 61.2369, 61.1683

Rectangle

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



56.2473, 61.2369, 48.8998



51.9187, 61.2369, 58.7305



60.2052, 61.2369, 88.3110



64.9768, 61.2369, 75.3089

Sweetspot

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



56.2489, 61.2396, 48.9011



92.8331, 98.7429, 98.3679



49.3008, 46.9761, 47.7172



19.8057, 21.0982, 20.7501



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.



56.2489, 61.2396, 48.9011



86.9784, 95.2982, 70.9369



52.6465, 60.1048, 48.8719



12.7433, 13.6773, 12.5804



28.5596, 33.0523, 4.8745



1.6148, 1.8840, 0.2785

Inverse Universe

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



44.4895, 44.6520, 66.5959



65.2424, 64.6384, 103.6456



47.6731, 45.7166, 66.6336



11.2170, 11.5243, 14.8769



7.2000, 3.0467, 37.4011



0.4220, 0.2092, 2.0977

Previews

White Background



This preview shows how the XYZ color 56.2473, 61.2369, 48.8998 looks on a white background.

Color Contrast Check

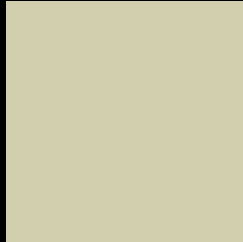
Large Text (above 18pt) WCAG AA × Fail

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 56.2473, 61.2369, 48.8998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

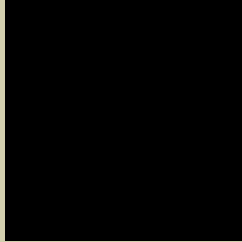
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

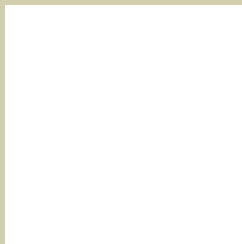
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2473, 61.2369, 48.8998

Background



This preview shows how black text looks on a background with the XYZ color 56.2473, 61.2369, 48.8998.



This preview shows how white text looks on a background with the XYZ color 56.2473, 61.2369,

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

56.2473, 61.2369, 48.8998

Protanopia

57.6930, 61.2787, 48.3224

Deuteranopia

62.2915, 61.1849, 49.6011



Tritanopia

61.4354, 61.2301, 74.2262

Trichromacy



Original Color

56.2473, 61.2369, 48.8998

Protanomaly

57.0547, 61.3059, 48.3613

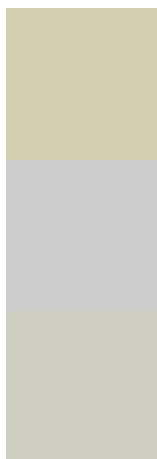
Deuteranomaly

59.9885, 61.0372, 49.1771

Tritanomaly

59.3391, 61.0751, 63.9195

Monochromacy



Original Color

56.2473, 61.2369, 48.8998

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.9106, 60.6347, 59.1562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2473, 61.2369, 48.8998 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(209, 207, 174)` looks like.

```
.text, #text, p{  
    color:rgb(209, 207, 174)  
}
```

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(209, 207, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 207, 174) }
```

Border

The CSS property to change the border of an element to XYZ 56.2473, 61.2369, 48.8998 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(209, 207, 174) }
```


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

```
.border{ border-color:rgb(209, 207, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 207, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 207, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 207, 174);  
box-shadow:4px 4px 4px 4px rgb(209, 207,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2473, 61.2369, 48.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 207, 174) }
```

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

```
.background{ background-color: rgb(209,  
207, 174) }
```

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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