

Converting Colors

XYZ(58.6581, 62.2003, 48.8901)

Have a look what the booklet for
XYZ(58.6581, 62.2003, 48.8901)
contains.

XYZ(58.6247, 62.1040, 48.9418)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.6247, 62.1040,
48.9418)**

Conversions

Conversions Part 1

Format	Color
Hex	DACEAE
RGB	218, 206, 174
RGB Percent	85%, 81%, 68%
CMY	0.1451, 0.1921, 0.3176
CMYK	0.00, 0.06, 0.20, 0.15
HSL	44°, 37%, 77%
HSV	44°, 20%, 85%
XYZ	58.6247, 62.1040, 48.9418
YIQ	205.9400, 17.4240, -7.4080

Conversions

Conversions Part 2

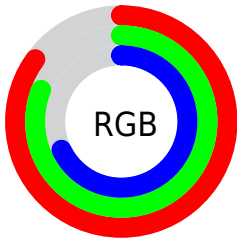
Format	Color
RYB	191, 218, 174
Decimal	14339758
CIELab	82.97, -0.97, 17.43
CIELCh	83, 17.459, 93.197
Yxy	62.1040, 0.3455, 0.3660
Android (android.graphics.Color)	4292529838 (0xFFDACEAE)
YUV	205.9400, -15.7464, 10.5766
Hunter-Lab	78.8061, -5.1226, 18.3428

Details

The XYZ color **58.6247, 62.1040, 48.9418** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.6691, 49.1773, 73.3097**, and the grayscale version is **58.7189, 61.7769, 67.2750**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **29.8453, 31.6481, 22.9480** is the 20% darker color. If you saturate the color by 10%, you get **55.2663, 58.5165, 38.1744**, and if you desaturate by 10%, it is **62.3855, 65.9433, 61.5466**.

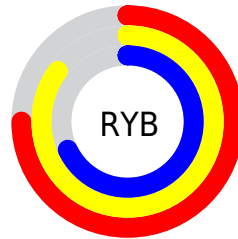
Distribution



Red (85%)

Green (81%)

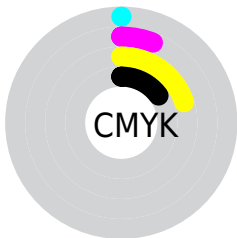
Blue (68%)



Red (75%)

Yellow (85%)

Blue (68%)

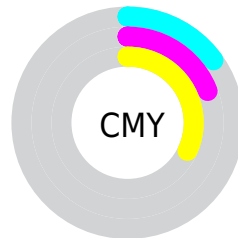


Cyan (0%)

Magenta (6%)

Yellow (20%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6247, 62.1040, 48.9418 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 58.6247, 62.1040, 48.9418 by changing the saturation by 10% instead.

■ 58.6247, 62.1040,
48.9418

■ 58.6247, 62.1040,
48.9418

409.4261,
432.3103, 399.1290

■ 42.5563, 45.1167,
34.2080

■ 101.9498,
107.8758, 89.9851

■ 29.7301, 31.5494,
22.7748

129.9371,
137.4292, 117.1317

■ 19.7809, 21.0175,
14.2236

162.6281,
171.9400, 149.2530

■ 12.3432, 13.1368,
8.1358

200.3882,
211.7927, 186.7676

■ 7.0517, 7.5228,
4.0930

243.5827,
257.3717, 230.0939

■ 3.5411, 3.7912,
1.6765

292.5770,

■ 1.4459, 1.5574,

309.0614, 279.6506

0.3445

347.7363,
367.2462, 335.8561

■ 0.2886, 0.3287,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6247, 62.1040,
48.9418

■ 58.6247, 62.1040,
48.9418

■ 55.2663, 58.5165,
38.1744

■ 62.3855, 65.9433,
61.5466

■ 52.2882, 55.1646,
29.1526

■ 66.5598, 70.0333,
76.0665

■ 49.6733, 52.0427,
21.7830

■ 71.1644, 74.3839,
92.5797

■ 47.4014, 49.1416,
15.9613

■ 75.1987, 78.5957,
105.8148

45.4499, 46.4515,
11.5718

76.8789, 81.9561,
106.3749

43.7931, 43.9608,
8.4821

78.6160, 85.4303,
106.9539

42.4004, 41.6566,
6.5349

80.4105, 89.0194,
107.5521

41.2377, 39.5536,
5.4612

82.2631, 92.7244,
108.1696

82.7236, 93.6455,
108.3231

Harmonies

Analogous

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



62.3567, 62.1040, 50.7348



58.6247, 62.1040, 48.9418



55.1481, 62.1040, 51.6967

Triad

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



58.6247, 62.1040, 48.9418



53.1687, 62.1040, 79.6337



65.7360, 62.1040, 77.4186

Complementary

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



58.6247, 62.1040, 48.9418



47.6691, 49.1773, 73.3097

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.



63.0857, 62.1040, 86.5188



58.6247, 62.1040, 48.9418



55.8199, 62.1040, 87.8903

Square

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



58.6247, 62.1040, 48.9418



52.0835, 62.1040, 68.7849



59.4331, 62.1040, 90.5338



66.5639, 62.1040, 66.4697

Rectangle

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



58.6247, 62.1040, 48.9418



53.4130, 62.1040, 55.9330



59.4331, 62.1040, 90.5338



65.0233, 62.1040, 80.8327

Sweetspot

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



58.6263, 62.1068, 48.9431



91.3674, 96.4209, 96.0001



52.9627, 48.7434, 53.3326



19.4734, 20.5564, 20.2607



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.



58.6263, 62.1068, 48.9431



81.6216, 86.4790, 63.3114



58.8557, 66.6769, 49.8131



13.8464, 14.6322, 13.8201



24.7993, 23.8842, 3.3030



1.6769, 1.6878, 0.2374

Inverse Universe

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



47.6691, 49.1773, 73.3097



63.4132, 64.9957, 103.8109



47.4472, 45.4677, 72.6054



12.6261, 13.1920, 16.5330



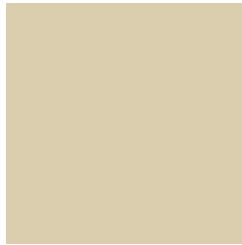
8.6091, 5.0876, 40.2666



0.6290, 0.4720, 2.6324

Previews

White Background



This preview shows how the XYZ color 58.6247, 62.1040, 48.9418 looks on a white background.

Color Contrast Check

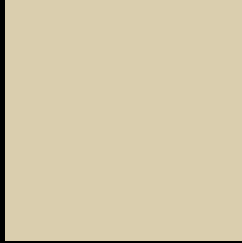
Large Text (above 18pt) WCAG AA × Fail

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 58.6247, 62.1040, 48.9418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

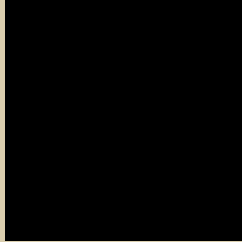
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6247, 62.1040, 48.9418

Background



This preview shows how black text looks on a background with the XYZ color 58.6247, 62.1040, 48.9418.

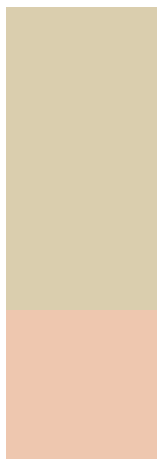


This preview shows how white text looks on a background with the XYZ color 58.6247, 62.1040,

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

58.6247, 62.1040, 48.9418

Protanopia

58.6247, 62.1040, 48.9418

Deuteranopia

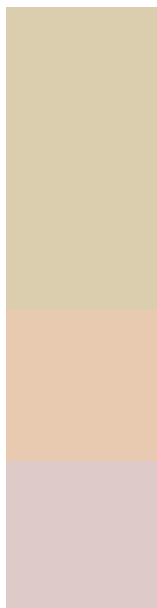
63.4212, 62.1191, 49.2050



Tritanopia

63.4804, 61.9544, 73.5784

Trichromacy



Original Color

58.6247, 62.1040, 48.9418

Protanomaly

58.6247, 62.1040, 48.9418

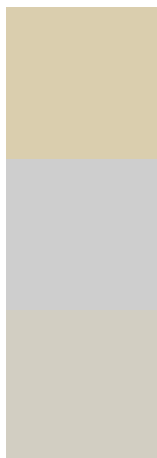
Deuteranomaly

61.8134, 62.3251, 49.3295

Tritanomaly

61.4819, 61.8303, 63.9523

Monochromacy



Original Color

58.6247, 62.1040, 48.9418

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.3873, 61.7393, 59.8785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6247, 62.1040, 48.9418 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(218, 206, 174) looks like.

```
.text, #text, p{  
    color:rgb(218, 206, 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(218, 206, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 206, 174) }
```

Border

The CSS property to change the border of an element to XYZ 58.6247, 62.1040, 48.9418 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(218, 206, 174) }
```


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

```
.border{ border-color:rgb(218, 206, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 206, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 206, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 206, 174);  
box-shadow:4px 4px 4px 4px rgb(218, 206,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6247, 62.1040, 48.9418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 206, 174) }
```

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

```
.background{ background-color: rgb(218,  
206, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor