

Converting Colors

XYZ(58.1039, 60.3888, 48.9318)

Have a look what the booklet for
XYZ(58.1039, 60.3888, 48.9318)
contains.

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Color

**XYZ(58.0718, 60.3963,
49.1544)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCAAF
RGB	219, 202, 175
RGB Percent	86%, 79%, 69%
CMY	0.1412, 0.2078, 0.3137
CMYK	0.00, 0.08, 0.20, 0.14
HSL	37°, 38%, 77%
HSV	37°, 20%, 86%
XYZ	58.0718, 60.3963, 49.1544
YIQ	204.0050, 18.7990, -4.7930

Conversions

Conversions Part 2

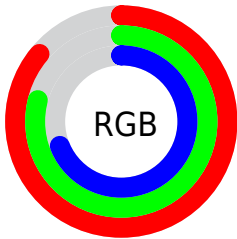
Format	Color
RYB	203, 219, 175
Decimal	14404271
CIELab	82.05, 1.63, 15.63
CIELCh	82, 15.716, 84.045
Yxy	60.3963, 0.3464, 0.3603
Android (android.graphics.Color)	4292594351 (0xFFDBCAAF)
YUV	204.0050, -14.2995, 13.1506
Hunter-Lab	77.7151, -2.6190, 16.8999

Details

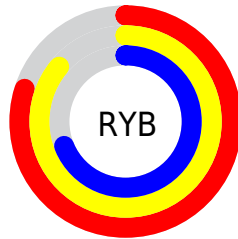
The XYZ color **58.0718, 60.3963, 49.1544** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.3147, 51.9264, 74.4418**, and the grayscale version is **57.4782, 60.4716, 65.8535**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **29.4126, 30.4775, 22.7449** is the 20% darker color. If you saturate the color by 10%, you get **54.1627, 55.7454, 38.0863**, and if you desaturate by 10%, it is **62.4418, 65.4098, 62.0986**.

Distribution



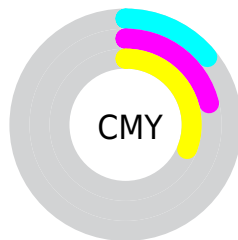
- Red (86%)
- Green (79%)
- Blue (69%)



- Red (80%)
- Yellow (86%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0718, 60.3963, 49.1544 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 58.0718, 60.3963, 49.1544 by changing the saturation by 10% instead.

■ 58.0718, 60.3963,
49.1544

■ 58.0718, 60.3963,
49.1544

407.4030,
426.0570, 399.9898

■ 42.1099, 43.7381,
34.3755

■ 101.1498,
105.4043, 90.3041

■ 29.3788, 30.4647,
22.9025

128.9965,
134.5230, 117.5120

■ 19.5133, 20.1916,
14.3169

161.5356,
168.5640, 149.6999

■ 12.1480, 12.5344,
8.2002

199.1323,
207.9116, 187.2865

■ 6.9174, 7.1087,
4.1337

242.1520,
252.9503, 230.6902

■ 3.4564, 3.5302,
1.6990

290.9602,

■ 1.3995, 1.4144,

304.0646, 280.3297

0.3600

345.9220,
361.6386, 336.6233

■ 0.2558, 0.2273,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0718, 60.3963,
49.1544

■ 58.0718, 60.3963,
49.1544

■ 54.1627, 55.7454,
38.0863

■ 62.4418, 65.4098,
62.0986

■ 50.6912, 51.4388,
28.8014

■ 67.2853, 70.7874,
76.9981

■ 47.6390, 47.4684,
21.2047

■ 72.6201, 76.5410,
93.9321

■ 44.9842, 43.8226,
15.1908

■ 77.2135, 82.1800,
106.4005

■ 42.7029, 40.4889,
10.6420

■ 79.7049, 87.1628,
107.2309

■ 40.7678, 37.4531,
7.4243

■ 82.3131, 92.3793,
108.1004

■ 39.1468, 34.6994,
5.3784

■ 83.0235, 93.8001,
108.3372

■ 37.7954, 32.2238,
4.2278

Harmonies

Analogous

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



61.2476, 60.3963, 52.0042



58.0718, 60.3963, 49.1544



54.8348, 60.3963, 50.3940

Triad

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



58.0718, 60.3963, 49.1544



51.7529, 60.3963, 73.5210



62.7464, 60.3963, 77.1284

Complementary

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



58.0718, 60.3963, 49.1544



49.3147, 51.9264, 74.4418

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.



60.0540, 60.3963, 83.9725



58.0718, 60.3963, 49.1544



53.7263, 60.3963, 81.7529

Square

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



58.0718, 60.3963, 49.1544



51.2681, 60.3963, 63.8769



56.7431, 60.3963, 85.7416



64.0128, 60.3963, 67.6824

Rectangle

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



58.0718, 60.3963, 49.1544



53.0668, 60.3963, 53.4396



56.7431, 60.3963, 85.7416



61.9732, 60.3963, 79.8449

Sweetspot

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



58.0734, 60.3990, 49.1557



90.8272, 95.3406, 95.8201



54.1250, 49.5532, 56.9312



19.3456, 20.3007, 20.2180



0.0000, 0.0000, 0.0000



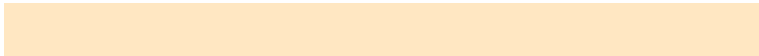
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.0734, 60.3990, 49.1557



79.6322, 82.5002, 62.6483



60.9768, 68.1452, 50.4978



13.7180, 14.3753, 13.7773



22.5199, 19.3253, 2.5432



1.5415, 1.4172, 0.1923

Inverse Universe

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



49.3147, 51.9264, 74.4418



65.1730, 68.5152, 104.3975



46.7999, 45.4067, 73.3159



12.7490, 13.4378, 16.5739



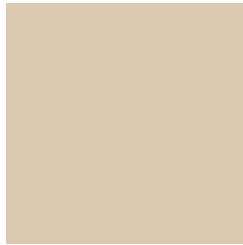
9.5874, 7.0442, 40.5928



0.7031, 0.6204, 2.6571

Previews

White Background



This preview shows how the XYZ color 58.0718, 60.3963, 49.1544 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 58.0718, 60.3963, 49.1544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

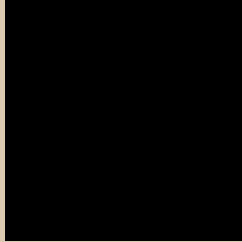
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

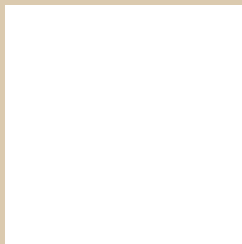
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0718, 60.3963, 49.1544

Background



This preview shows how black text looks on a background with the XYZ color 58.0718, 60.3963, 49.1544.



This preview shows how white text looks on a background with the XYZ color 58.0718, 60.3963,

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

58.0718, 60.3963, 49.1544

Protanopia

57.1609, 60.6165, 49.7617

Deuteranopia

61.5081, 60.1069, 49.4343



Tritanopia

62.5904, 60.5333, 70.6726

Trichromacy



Original Color

58.0718, 60.3963, 49.1544

Protanomaly

57.5113, 60.4454, 49.7103

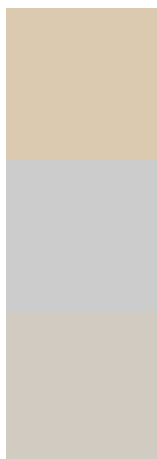
Deuteranomaly

60.3437, 60.1808, 49.5099

Tritanomaly

60.8564, 60.5000, 62.5030

Monochromacy



Original Color

58.0718, 60.3963, 49.1544

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2761, 60.1174, 59.0371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0718, 60.3963, 49.1544 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(219, 202, 175)` looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 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(219, 202, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 175) }
```

Border

The CSS property to change the border of an element to XYZ 58.0718, 60.3963, 49.1544 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(219, 202, 175) }
```


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

```
.border{ border-color:rgb(219, 202, 175) }
```

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

Here you see how a box with a 4 pixel rgb(219, 202, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 175);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0718, 60.3963, 49.1544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 175) }
```

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

```
.background{ background-color: rgb(219,  
202, 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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