

Converting Colors

XYZ(58.5111, 60.9835, 48.7315)

Have a look what the booklet for
XYZ(58.5111, 60.9835, 48.7315)
contains.

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Color

**XYZ(58.5111, 60.9835,
48.7315)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCBAE
RGB	220, 203, 174
RGB Percent	86%, 80%, 68%
CMY	0.1373, 0.2039, 0.3176
CMYK	0.00, 0.08, 0.21, 0.14
HSL	38°, 40%, 77%
HSV	38°, 21%, 86%
XYZ	58.5111, 60.9835, 48.7315
YIQ	204.7770, 19.4410, -5.4150

Conversions

Conversions Part 2

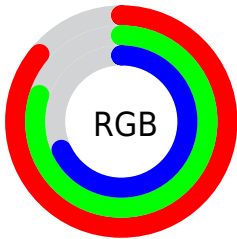
Format	Color
R_YB	201, 220, 174
Decimal	14470062
CIE Lab	82.37, 1.33, 16.62
CIE LCh	82, 16.672, 85.417
Yxy	60.9835, 0.3478, 0.3625
Android (android.graphics.Color)	4292660142 (0xFFDCCBAE)
YUV	204.7770, -15.1731, 13.3506
Hunter-Lab	78.0919, -2.9181, 17.6658

Details

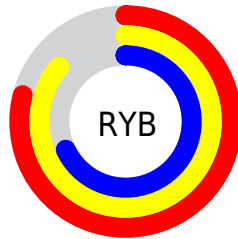
The XYZ color **58.5111, 60.9835, 48.7315** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.0043, 51.4263, 75.0540**, and the grayscale version is **57.9727, 60.9917, 66.4200**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **29.7773, 30.8994, 22.8071** is the 20% darker color. If you saturate the color by 10%, you get **54.6706, 56.4580, 37.7225**, and if you desaturate by 10%, it is **62.8068, 65.8563, 61.6268**.

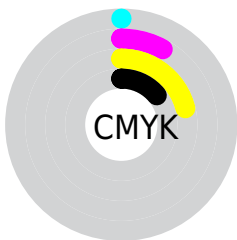
Distribution



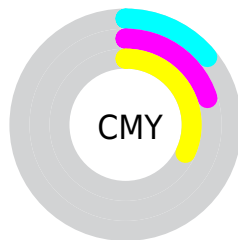
- Red (86%)
- Green (80%)
- Blue (68%)



- Red (79%)
- Yellow (86%)
- Blue (68%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5111, 60.9835, 48.7315 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 58.5111, 60.9835, 48.7315 by changing the saturation by 10% instead.

■ 58.5111, 60.9835,
48.7315

■ 58.5111, 60.9835,
48.7315

409.0109,
428.2135, 398.2764

■ 42.4645, 44.2119,
34.0424

■ 101.7855,
106.2550, 89.6694

■ 29.6579, 30.8371,
22.6486

129.7440,
135.5237, 116.7553

■ 19.7259, 20.4748,
14.1314

162.4038,
169.7269, 148.8106

■ 12.3030, 12.7407,
8.0723

200.1304,
209.2489, 186.2538

■ 7.0241, 7.2502,
4.0528

243.2890,
254.4742, 229.5034

■ 3.5236, 3.6191,
1.6544

292.2451,

■ 1.4363, 1.4628,

305.7871, 278.9780

0.3292

347.3640,
363.5721, 335.0962

■ 0.2819, 0.2624,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5111, 60.9835,
48.7315

■ 58.5111, 60.9835,
48.7315

■ 54.6706, 56.4580,
37.7225

■ 62.8068, 65.8563,
61.6268

■ 51.2618, 52.2617,
28.5053

■ 67.5704, 71.0776,
76.4888

■ 48.2664, 48.3868,
20.9834

■ 72.8197, 76.6590,
93.3981

■ 45.6623, 44.8221,
15.0493

■ 77.4224, 82.1497,
106.3836

■ 43.4254, 41.5551,
10.5829

■ 79.8098, 86.9247,
107.1795

■ 41.5279, 38.5721,
7.4470

■ 82.3051, 91.9153,
108.0112

■ 39.9371, 35.8572,
5.4781

■ 83.3253, 93.9557,
108.3513

■ 38.7072, 33.5994,
4.4452

Harmonies

Analogous

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



61.9312, 60.9835, 51.5484



58.5111, 60.9835, 48.7315



55.0776, 60.9835, 50.2379

Triad

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



58.5111, 60.9835, 48.7315



52.0040, 60.9835, 75.1647



63.7765, 60.9835, 78.1472

Complementary

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



58.5111, 60.9835, 48.7315



49.0043, 51.4263, 75.0540

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.



60.9474, 60.9835, 85.7042



58.5111, 60.9835, 48.7315



54.1680, 60.9835, 83.8625

Square

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



58.5111, 60.9835, 48.7315



51.4110, 60.9835, 64.8481



57.4183, 60.9835, 87.8951



65.0492, 60.9835, 67.9778

Rectangle

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



58.5111, 60.9835, 48.7315



53.2283, 60.9835, 53.5818



57.4183, 60.9835, 87.8951



62.9705, 60.9835, 81.1165

Sweetspot

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



58.5127, 60.9862, 48.7328



90.9067, 95.4996, 95.8466



54.1257, 49.2780, 56.3160



19.3644, 20.3384, 20.2243



0.0000, 0.0000, 0.0000



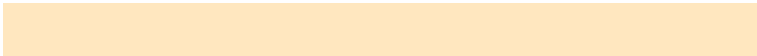
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5127, 60.9862, 48.7328



79.3726, 82.4347, 61.1627



61.1504, 68.6344, 50.0700



13.7368, 14.4130, 13.7836



22.8266, 19.9387, 2.6455



1.5601, 1.4544, 0.1985

Inverse Universe

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



49.0043, 51.4263, 75.0540



63.8492, 66.8296, 104.1419



46.7303, 45.0677, 73.9465



12.7307, 13.4012, 16.5678



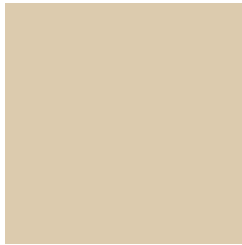
9.4187, 6.7068, 40.5365



0.6910, 0.5961, 2.6531

Previews

White Background



This preview shows how the XYZ color 58.5111, 60.9835, 48.7315 looks on a white background.

Color Contrast Check

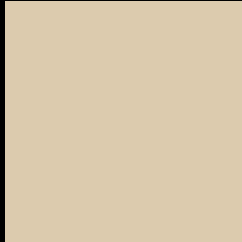
Large Text (above 18pt) WCAG AA × Fail

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 58.5111, 60.9835, 48.7315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

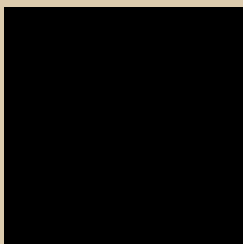
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

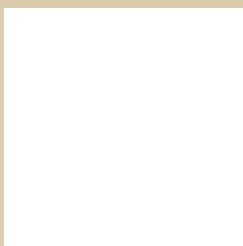
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5111, 60.9835, 48.7315

Background



This preview shows how black text looks on a background with the XYZ color 58.5111, 60.9835, 48.7315.



This preview shows how white text looks on a background with the XYZ color 58.5111, 60.9835,

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

58.5111, 60.9835, 48.7315

Protanopia

57.6496, 60.8798, 49.2700

Deuteranopia

61.9651, 60.6898, 49.0058



Tritanopia

63.0278, 60.7442, 71.3537

Trichromacy



Original Color

58.5111, 60.9835, 48.7315

Protanomaly

57.9460, 61.0326, 49.2838

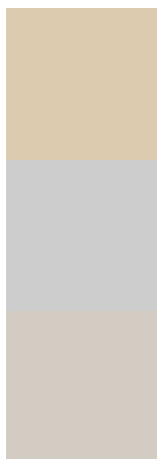
Deuteranomaly

60.7944, 60.7650, 49.0820

Tritanomaly

61.1637, 60.6583, 62.5174

Monochromacy



Original Color

58.5111, 60.9835, 48.7315

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.9088, 60.7824, 59.7190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5111, 60.9835, 48.7315 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(220, 203, 174)` looks like.

```
.text, #text, p{  
    color:rgb(220, 203, 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(220, 203, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 203, 174) }
```

Border

The CSS property to change the border of an element to XYZ 58.5111, 60.9835, 48.7315 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(220, 203, 174) }
```


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

```
.border{ border-color:rgb(220, 203, 174) }
```

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

Here you see how a box with a 4 pixel rgb(220, 203, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 203, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 203, 174);  
box-shadow:4px 4px 4px 4px rgb(220, 203,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5111, 60.9835, 48.7315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 203, 174) }
```

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

```
.background{ background-color: rgb(220,  
203, 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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