

Converting Colors

XYZ(52.3255, 58.4848, 17.7023)

Have a look what the booklet for
XYZ(52.3255, 58.4848, 17.7023)
contains.

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Color

**XYZ(52.3308, 58.4765,
17.7615)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC58
RGB	219, 203, 88
RGB Percent	86%, 80%, 35%
CMY	0.1412, 0.2039, 0.6549
CMYK	0.00, 0.07, 0.60, 0.14
HSL	53°, 65%, 60%
HSV	53°, 60%, 86%
XYZ	52.3308, 58.4765, 17.7615
YIQ	194.6740, 46.4510, -32.3730

Conversions

Conversions Part 2

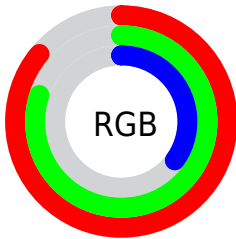
Format	Color
R _{YB}	106, 219, 88
Decimal	14404440
CIE Lab	81.00, -8.31, 57.97
CIE LCh	81, 58.561, 98.160
Yxy	58.4765, 0.4070, 0.4548
Android (android.graphics.Color)	4292594520 (0xFFDBC58)
YUV	194.6740, -52.5903, 21.3339
Hunter-Lab	76.4699, -11.6692, 39.7578

Details

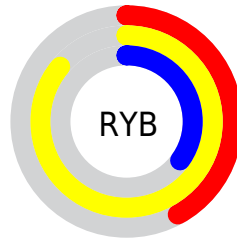
The XYZ color **52.3308, 58.4765, 17.7615** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **21.7610, 17.0894, 69.1692**, and the grayscale version is **51.9627, 54.6688, 59.5343**.

A 20% lighter version of the original color is **81.8825, 94.7330, 39.5608**, and **25.7199, 29.1818, 5.7159** is the 20% darker color. If you saturate the color by 10%, you get **50.9309, 56.9171, 13.4720**, and if you desaturate by 10%, it is **54.0167, 60.1722, 23.4917**.

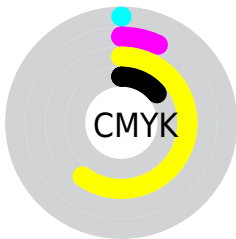
Distribution



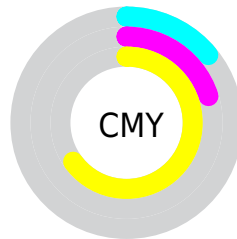
- Red (86%)
- Green (80%)
- Blue (35%)



- Red (42%)
- Yellow (86%)
- Blue (35%)



- Cyan (0%)
- Magenta (7%)
- Yellow (60%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3308, 58.4765, 17.7615 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 52.3308, 58.4765, 17.7615 by changing the saturation by 10% instead.

■ 52.3308, 58.4765,
17.7615

■ 52.3308, 58.4765,
17.7615

386.0154,
418.9591, 251.7141

■ 37.4942, 42.1918,
10.6112

■ 92.7903, 102.6164,
40.4389

■ 25.7657, 29.2515,
5.6952

■ 119.1438,
131.2405, 56.8032

■ 16.7802, 19.2712,
2.5949

■ 150.0670,
164.7465, 77.0758

■ 10.1723, 11.8664,
0.8898

■ 185.9252,
203.5188, 101.6754

■ 5.5765, 6.6528,
0.0000

227.0838,
247.9418, 131.0205

■ 2.6275, 3.2459,
0.0000

273.9081,

■ 0.9600, 1.2614,

298.4000, 165.5296

0.0000

326.7635,
355.2776, 205.6213

■ 0.0000, 0.1110,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.3308, 58.4765,
17.7615

■ 52.3308, 58.4765,
17.7615

■ 50.9309, 56.9171,
13.4720

■ 54.0167, 60.1722,
23.4917

■ 49.7878, 55.4754,
10.4867


■ 56.0068, 62.0049,
30.7756


■ 48.8726, 54.1423,
8.6491


■ 58.3224, 63.9853,
39.7189


■ 48.1334, 52.8966,
7.6848


■ 60.9815, 66.1209,
50.4173


 48.1203, 52.8741,
7.6695

 64.0011, 68.4184,
62.9590

 67.3969, 70.8842,
77.4263

 71.1835, 73.5243,
93.8965

 74.0256, 75.8047,
105.3379

 74.7516, 77.2566,
105.5799

Harmonies

Analogous

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



64.7284, 58.4765, 19.5806



52.3308, 58.4765, 17.7615



42.3636, 58.4765, 24.2321

Triad

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



52.3308, 58.4765, 17.7615



39.1657, 58.4765, 114.5798



80.1977, 58.4765, 91.9336

Complementary

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



52.3308, 58.4765, 17.7615



21.7610, 17.0894, 69.1692

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.



71.2940, 58.4765, 132.0665



52.3308, 58.4765, 17.7615



47.3372, 58.4765, 148.1164

Square

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



52.3308, 58.4765, 17.7615



35.5201, 58.4765, 73.6440



58.9613, 58.4765, 155.4737



82.0501, 58.4765, 54.6416

Rectangle

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



52.3308, 58.4765, 17.7615



38.0078, 58.4765, 34.5037



58.9613, 58.4765, 155.4737



77.8736, 58.4765, 105.8731

Sweetspot

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



52.3322, 58.4792, 17.7627



86.7592, 93.8648, 73.9316



35.2773, 23.0696, 16.0851



18.3179, 19.8942, 14.7920



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.



52.3322, 58.4792, 17.7627



71.4114, 79.7625, 17.6607



43.8805, 60.0217, 18.5059



14.0195, 14.9783, 13.8778



28.5876, 31.4608, 4.5658



1.8910, 2.1161, 0.3088

Inverse Universe

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



21.7610, 17.0894, 69.1692



24.6644, 16.5475, 96.5018



26.4352, 17.3317, 68.9696



12.4661, 12.8720, 16.4796



7.8529, 3.5753, 40.0146



0.5520, 0.3181, 2.6068

Previews

White Background



This preview shows how the XYZ color 52.3308, 58.4765, 17.7615 looks on a white background.

Color Contrast Check

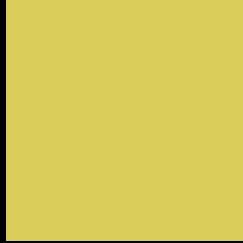
Large Text (above 18pt) WCAG AA × Fail

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 52.3308, 58.4765, 17.7615 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 52.3308, 58.4765, 17.7615

Background



This preview shows how black text looks on a background with the XYZ color 52.3308, 58.4765, 17.7615.



This preview shows how white text looks on a background with the XYZ color 52.3308, 58.4765,

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

52.3308, 58.4765, 17.7615

Protanopia

53.3886, 58.3252, 17.6765

Deuteranopia

59.5861, 58.1567, 17.9824



Tritanopia

62.4045, 58.5408, 66.4030

Trichromacy



Original Color

52.3308, 58.4765, 17.7615

Protanomaly

53.0062, 58.4752, 17.7256

Deuteranomaly

56.6205, 57.9455, 17.8732

Tritanomaly

57.4900, 57.8433, 42.7852

Monochromacy



Original Color

52.3308, 58.4765, 17.7615

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.0967, 55.6258, 39.4963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3308, 58.4765, 17.7615 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, 203, 88)` looks like.

```
.text, #text, p{  
    color:rgb(219, 203, 88)  
}
```

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, 203, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 203, 88) }
```

Border

The CSS property to change the border of an element to XYZ 52.3308, 58.4765, 17.7615 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, 203, 88) }
```


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

```
.border{ border-color:rgb(219, 203, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 203, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 203, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 203, 88);  
box-shadow:4px 4px 4px 4px rgb(219, 203,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3308, 58.4765, 17.7615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 203, 88) }
```

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

```
.background{ background-color: rgb(219,  
203, 88) }
```

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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