

Converting Colors

XYZ(52.2852, 60.4043, 15.6486)

Have a look what the booklet for
XYZ(52.2852, 60.4043, 15.6486)
contains.

XYZ(52.1448, 60.2187, 15.5317)	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(52.1448, 60.2187,
15.5317)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D04B
RGB	216, 208, 75
RGB Percent	85%, 82%, 29%
CMY	0.1529, 0.1843, 0.7059
CMYK	0.00, 0.04, 0.65, 0.15
HSL	57°, 64%, 57%
HSV	57°, 65%, 85%
XYZ	52.1448, 60.2187, 15.5317
YIQ	195.2300, 47.4610, -39.6670

Conversions

Conversions Part 2

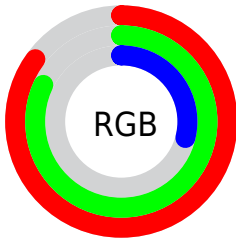
Format	Color
R _Y B	83, 216, 75
Decimal	14209099
CIE Lab	81.96, -12.91, 64.39
CIE LCh	82, 65.673, 101.337
Yxy	60.2187, 0.4077, 0.4708
Android (android.graphics.Color)	4292399179 (0xFFD8D04B)
YUV	195.2300, -59.2734, 18.2153
Hunter-Lab	77.6007, -15.8559, 42.4537

Details

The XYZ color **52.1448, 60.2187, 15.5317** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **18.3897, 12.6401, 66.4359**, and the grayscale version is **52.3332, 55.0586, 59.9588**.

A 20% lighter version of the original color is **81.0293, 94.3917, 35.0678**, and **25.6890, 30.3935, 4.6849** is the 20% darker color. If you saturate the color by 10%, you get **51.2306, 59.3794, 12.1784**, and if you desaturate by 10%, it is **53.3151, 61.1686, 20.2095**.

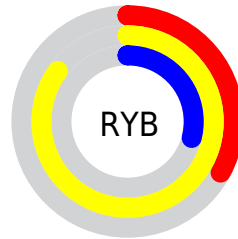
Distribution



Red (85%)

Green (82%)

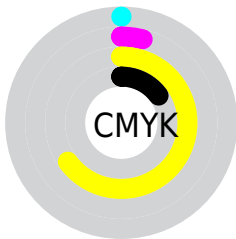
Blue (29%)



Red (33%)

Yellow (85%)

Blue (29%)

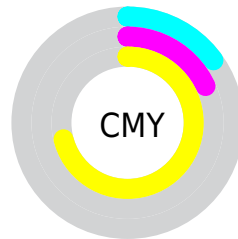


Cyan (0%)

Magenta (4%)

Yellow (65%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1448, 60.2187, 15.5317 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 52.1448, 60.2187, 15.5317 by changing the saturation by 10% instead.

■ 52.1448, 60.2187,
15.5317

■ 52.1448, 60.2187,
15.5317

385.3101,
425.4034, 238.3129

■ 37.3452, 43.5949,
9.0426

■ 92.5177, 105.1469,
36.5387

■ 25.6498, 30.3522,
4.6718

■ 118.8218,
134.2200, 51.8937

■ 16.6931, 20.1061,
2.0007

■ 149.6914,
168.2118, 71.0411

■ 10.1099, 12.4722,
0.5557

■ 185.4919,
207.5066, 94.3994

■ 5.5347, 7.0661,
0.0000

■ 226.5887,
252.4887, 122.3872

■ 2.6022, 3.5035,
0.0000

273.3471,

■ 0.9471, 1.3999,

303.5427, 155.4230

0.0000

326.1325,
361.0528, 193.9254

■ 0.0000, 0.2166,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1448, 60.2187,
15.5317

■ 52.1448, 60.2187,
15.5317

■ 51.2306, 59.3794,
12.1784

■ 53.3151, 61.1686,
20.2095

■ 50.5415, 58.6315,
10.0058

■ 54.7600, 62.2299,
26.3287

■ 50.0465, 57.9650,
8.8437

■ 56.5014, 63.4135,
33.9974

■ 49.8531, 57.6675,
8.5034

■ 58.5577, 64.7267,
43.3126

■ 60.9456, 66.1763,
54.3632

■ 63.6810, 67.7686,
67.2317

■ 66.7785, 69.5095,
81.9955

■ 70.2519, 71.4045,
98.7274

■ 71.7074, 72.4961,
104.8215

Harmonies

Analogous

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



66.2148, 60.2187, 16.5203



52.1448, 60.2187, 15.5317



41.3464, 60.2187, 23.2737

Triad

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



52.1448, 60.2187, 15.5317



39.4340, 60.2187, 130.1726



86.4508, 60.2187, 93.2157

Complementary

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



52.1448, 60.2187, 15.5317



18.3897, 12.6401, 66.4359

Split Complementary

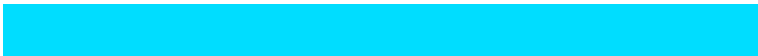
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7501, 60.2187, 141.3964



52.1448, 60.2187, 15.5317



49.1081, 60.2187, 168.0082

Square

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



52.1448, 60.2187, 15.5317



34.8404, 60.2187, 81.7826



62.6484, 60.2187, 172.7891



87.6186, 60.2187, 51.6519

Rectangle

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



52.1448, 60.2187, 15.5317



36.8544, 60.2187, 35.2976



62.6484, 60.2187, 172.7891



84.0143, 60.2187, 109.5236

Sweetspot

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



52.1462, 60.2215, 15.5329



86.9836, 95.3087, 70.9386



32.4512, 20.2781, 10.6744



18.4109, 20.2734, 14.2276



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.



52.1462, 60.2215, 15.5329



74.2238, 86.0816, 16.4576



39.3246, 56.5784, 15.5055



13.4097, 14.3937, 13.2322



29.5354, 34.1881, 5.0423



1.8002, 2.0996, 0.3104

Inverse Universe

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



18.3897, 12.6401, 66.4359



21.7161, 12.1229, 95.8031



25.0809, 15.2334, 66.5838



11.7986, 12.1205, 15.6552



7.4415, 3.1448, 38.6680



0.4692, 0.2304, 2.3390

Previews

White Background



This preview shows how the XYZ color 52.1448, 60.2187, 15.5317 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 52.1448, 60.2187, 15.5317 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 52.1448, 60.2187, 15.5317

Background



This preview shows how black text looks on a background with the XYZ color 52.1448, 60.2187, 15.5317.



This preview shows how white text looks on a background with the XYZ color 52.1448, 60.2187,

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

52.1448, 60.2187, 15.5317

Protanopia

54.8238, 60.1741, 15.2038

Deuteranopia

61.6128, 60.2336, 15.9683



Tritanopia

63.1429, 60.1773, 69.2602

Trichromacy



Original Color

52.1448, 60.2187, 15.5317

Protanomaly

53.8078, 60.0043, 15.2246

Deuteranomaly

57.7338, 59.9222, 15.7310

Tritanomaly

57.8278, 59.7291, 42.1992

Monochromacy



Original Color

52.1448, 60.2187, 15.5317

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.8688, 56.2394, 37.4524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1448, 60.2187, 15.5317 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(216, 208, 75)` looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 75)  
}
```

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(216, 208, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 75) }
```

Border

The CSS property to change the border of an element to XYZ 52.1448, 60.2187, 15.5317 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(216, 208, 75) }
```


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

```
.border{ border-color:rgb(216, 208, 75) }
```

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

Here you see how a box with a 4 pixel rgb(216, 208, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 208, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 208, 75);  
box-shadow:4px 4px 4px 4px rgb(216, 208,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1448, 60.2187, 15.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 75) }
```

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

```
.background{ background-color: rgb(216,  
208, 75) }
```

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