

Converting Colors

XYZ(47.3217, 54.4874, 8.0230)

Have a look what the booklet for
XYZ(47.3217, 54.4874, 8.0230)
contains.

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Color

**XYZ(47.3455, 54.3852,
8.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C600
RGB	212, 198, 0
RGB Percent	83%, 78%, 0%
CMY	0.1686, 0.2235, 0.9999
CMYK	0.00, 0.07, 1.00, 0.17
HSL	56°, 100%, 42%
HSV	56°, 100%, 83%
XYZ	47.3455, 54.3852, 8.0020
YIQ	179.6140, 71.9020, -58.6100

Conversions

Conversions Part 2

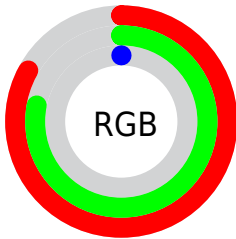
Format	Color
RYB	15, 212, 0
Decimal	13944320
CIELab	78.69, -11.77, 79.48
CIELCh	79, 80.345, 98.427
Yxy	54.3852, 0.4315, 0.4956
Android (android.graphics.Color)	4292134400 (0xFFD4C600)
YUV	179.6140, -88.5497, 28.4025
Hunter-Lab	73.7463, -14.4582, 45.1890

Details

The XYZ color **47.3455, 54.3852, 8.0020** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **12.0411, 5.0681, 62.6306**, and the grayscale version is **43.6106, 45.8818, 49.9653**.

A 20% lighter version of the original color is **78.2820, 92.7837, 22.1707**, and **23.2623, 27.0231, 3.9899** is the 20% darker color. If you saturate the color by 10%, you get **47.3463, 54.3871, 8.0023**, and if you desaturate by 10%, it is **47.8054, 55.0855, 8.8333**.

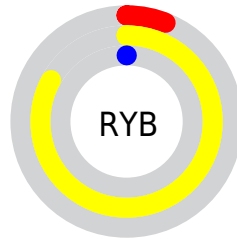
Distribution



Red (83%)

Green (78%)

Blue (0%)



Red (6%)

Yellow (83%)

Blue (0%)

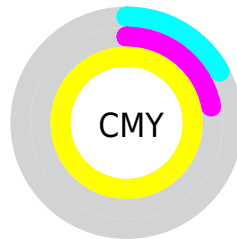


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (22%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3455, 54.3852, 8.0020 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 47.3455, 54.3852, 8.0020 by changing the saturation by 10% instead.


 47.3455, 54.3852,
8.0020

 47.3455, 54.3852,
8.0020


366.8179,
403.5772, 185.6829

 33.5180, 38.9097,
4.0084


 85.4447, 96.6396,
22.5086

 22.6847, 26.6895,
1.6300


 110.4471,
124.1873, 33.8587

 14.4802, 17.3402,
0.3121

 139.9052,
156.5278, 48.4981

 8.5394, 10.4773,
0.0000

 174.1843,
194.0456, 66.8453

 4.4967, 5.7166,
0.0000

 213.6497,
237.1251, 89.3188

 1.9868, 2.6735,
0.0000

 258.6669,

 0.6265, 0.9638,

286.1505, 116.3372

0.0000

309.6012,
341.5065, 148.3191

■ 0.0000, 0.0000,
0.0000

■ 47.3455, 54.3852,
8.0020

■ 47.3455, 54.3852,
8.0020

■ 47.3463, 54.3871,
8.0023

■ 47.8054, 55.0855,
8.8333

■ 48.4179, 55.8495,
10.4584

■ 49.2344, 56.6998,
13.1435

■ 50.2827, 57.6476,
17.0342

■ 51.5860, 58.7023,
22.2535

■ 53.1649, 59.8719,
28.9090

■ 55.0377, 61.1639,
37.0974

■ 57.2212, 62.5850,
46.9072

■ 59.7309, 64.1414,
58.4199

Harmonies

Analogous

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



63.7485, 54.3852, 9.4452



47.3455, 54.3852, 8.0020



34.9446, 54.3852, 13.7370

Triad

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



47.3455, 54.3852, 8.0020



31.2744, 54.3852, 131.8718



85.5957, 54.3852, 97.5316

Complementary

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



47.3455, 54.3852, 8.0020



12.0411, 5.0681, 62.6306

Split Complementary

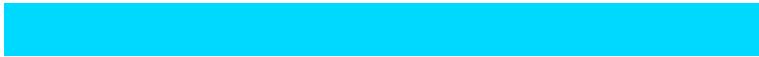
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.0814, 54.3852, 157.5111



47.3455, 54.3852, 8.0020



41.2595, 54.3852, 183.4111

Square

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



47.3455, 54.3852, 8.0020



26.9919, 54.3852, 72.9753



56.2956, 54.3852, 194.6407



88.1526, 54.3852, 47.3054

Rectangle

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



47.3455, 54.3852, 8.0020



29.8007, 54.3852, 24.2218



56.2956, 54.3852, 194.6407



82.3069, 54.3852, 117.8030

Sweetspot

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



47.3467, 54.3878, 8.0031



83.4962, 92.8345, 55.9013



27.2318, 14.0296, 1.6937



17.6015, 19.6870, 10.7753



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.



47.3467, 54.3878, 8.0031



71.8629, 82.5058, 12.1376



31.3090, 51.0900, 8.2118



13.3994, 14.3730, 13.2287



29.2585, 33.6343, 4.9500



1.7864, 2.0719, 0.3058

Inverse Universe

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



12.0411, 5.0681, 62.6306



18.2479, 7.6158, 95.1160



16.2854, 7.0230, 62.7842



11.8078, 12.1390, 15.6582



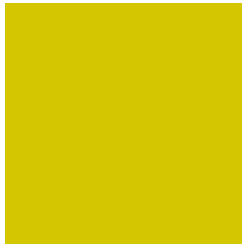
7.4593, 3.1803, 38.6739



0.4736, 0.2391, 2.3405

Previews

White Background



This preview shows how the XYZ color 47.3455, 54.3852, 8.0020 looks on a white background.

Color Contrast Check

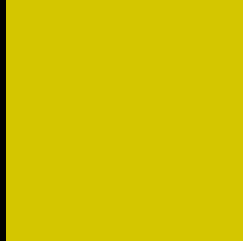
Large Text (above 18pt) WCAG AA × Fail

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 47.3455, 54.3852, 8.0020 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 47.3455, 54.3852, 8.0020

Background



This preview shows how black text looks on a background with the XYZ color 47.3455, 54.3852, 8.0020.



This preview shows how white text looks on a background with the XYZ color 47.3455, 54.3852,

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

47.3455, 54.3852, 8.0020

Protanopia

49.0303, 54.2459, 7.8863

Deuteranopia

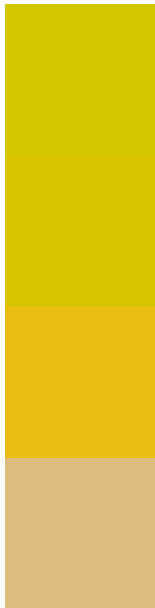
55.5528, 54.3699, 8.6034



Tritanopia

58.0740, 54.2055, 60.8280

Trichromacy



Original Color

47.3455, 54.3852, 8.0020

Protanomaly

48.3552, 54.2316, 7.9191

Deuteranomaly

52.4463, 54.3598, 8.2586

Tritanomaly

51.4787, 53.1172, 27.2781

Monochromacy



Original Color

47.3455, 54.3852, 8.0020

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.6031, 47.9849, 23.2363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3455, 54.3852, 8.0020 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(212, 198, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 198, 0)  
}
```

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(212, 198, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 198, 0) }
```

Border

The CSS property to change the border of an element to XYZ 47.3455, 54.3852, 8.0020 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(212, 198, 0) }
```


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

```
.border{ border-color:rgb(212, 198, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 198, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 198, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 198, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 198,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3455, 54.3852, 8.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 198, 0) }
```

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

```
.background{ background-color: rgb(212,  
198, 0) }
```

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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