

Converting Colors

XYZ(48.4008, 54.5783, 11.1761)

Have a look what the booklet for
XYZ(48.4008, 54.5783, 11.1761)
contains.

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Color

**XYZ(48.3176, 54.4766,
11.2172)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C534
RGB	214, 197, 52
RGB Percent	84%, 77%, 20%
CMY	0.1608, 0.2274, 0.7961
CMYK	0.00, 0.08, 0.76, 0.16
HSL	54°, 66%, 52%
HSV	54°, 76%, 84%
XYZ	48.3176, 54.4766, 11.2172
YIQ	185.5530, 56.6770, -41.4910

Conversions

Conversions Part 2

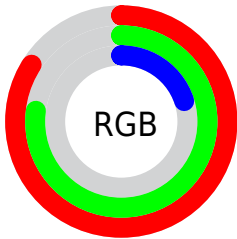
Format	Color
RYB	71, 214, 52
Decimal	14075188
CIELab	78.74, -9.31, 69.59
CIELCh	79, 70.205, 97.619
Yxy	54.4766, 0.4238, 0.4778
Android (android.graphics.Color)	4292265268 (0xFFD6C534)
YUV	185.5530, -65.8416, 24.9480
Hunter-Lab	73.8083, -12.3118, 42.6550

Details

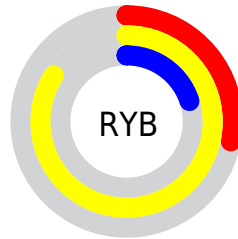
The XYZ color **48.3176, 54.4766, 11.2172** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **15.6820, 9.8413, 64.6908**, and the grayscale version is **46.7577, 49.1928, 53.5709**.

A 20% lighter version of the original color is **79.1256, 92.6147, 28.1741**, and **23.4908, 26.9151, 3.9570** is the 20% darker color. If you saturate the color by 10%, you get **47.4351, 53.3161, 9.0602**, and if you desaturate by 10%, it is **49.4286, 55.7448, 14.5287**.

Distribution



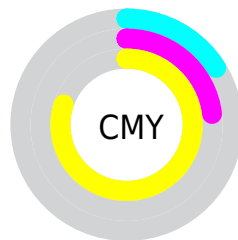
- Red (84%)
- Green (77%)
- Blue (20%)



- Red (28%)
- Yellow (84%)
- Blue (20%)



- Cyan (0%)
- Magenta (8%)
- Yellow (76%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3176, 54.4766, 11.2172 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 48.3176, 54.4766, 11.2172 by changing the saturation by 10% instead.

■ 48.3176, 54.4766,
11.2172

■ 48.3176, 54.4766,
11.2172

370.6113,
403.9248, 209.9423

■ 34.2908, 38.9828,
6.0971

■ 86.8839, 96.7737,
28.7039

■ 23.2810, 26.7464,
2.8345

■ 112.1541,
124.3458, 41.9075

■ 14.9230, 17.3828,
1.0108

■ 141.9028,
156.7127, 58.6428

■ 8.8513, 10.5078,
0.0000

■ 176.4954,
194.2590, 79.3283

■ 4.7007, 5.7369,
0.0000

■ 216.2972,
237.3689, 104.3824

■ 2.1057, 2.6858,
0.0000

261.6735,

■ 0.6923, 0.9700,

286.4270, 134.2237

0.0000

312.9898,
341.8175, 169.2709

■ 0.0000, 0.0000,
0.0000

■ 48.3176, 54.4766,
11.2172

■ 48.3176, 54.4766,
11.2172

■ 47.4351, 53.3161,
9.0602

■ 49.4286, 55.7448,
14.5287

■ 46.7449, 52.2426,
7.8844

■ 50.7904, 57.1234,
19.1291

■ 46.4824, 51.7982,
7.5482

■ 52.4269, 58.6242,
25.1380

■ 54.3580, 60.2551,
32.6605

■ 56.6018, 62.0235,
41.7916

■ 59.1749, 63.9359,
52.6186

■ 62.0927, 65.9987,
65.2223

■ 65.3697, 68.2177,
79.6787

■ 69.0193, 70.5983,
96.0591

Harmonies

Analogous

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



62.6269, 54.4766, 12.9776



48.3176, 54.4766, 11.2172



37.1279, 54.4766, 17.0189

Triad

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



48.3176, 54.4766, 11.2172



33.3752, 54.4766, 119.3211



80.6059, 54.4766, 93.4629

Complementary

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



48.3176, 54.4766, 11.2172



15.6820, 9.8413, 64.6908

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.



69.8503, 54.4766, 142.8609



48.3176, 54.4766, 11.2172



42.2611, 54.4766, 161.8673

Square

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



48.3176, 54.4766, 11.2172



29.5630, 54.4766, 70.0454



55.4006, 54.4766, 172.0035



83.0148, 54.4766, 49.7419

Rectangle

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



48.3176, 54.4766, 11.2172



32.3414, 54.4766, 27.0608



55.4006, 54.4766, 172.0035



77.7643, 54.4766, 110.4268

Sweetspot

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



48.3188, 54.4792, 11.2183



85.0723, 92.9187, 65.8850



30.0938, 17.2062, 7.6802



17.9271, 19.6737, 12.9320



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.



48.3188, 54.4792, 11.2183



69.8744, 78.2822, 12.2352



37.5968, 55.0066, 11.8852



13.3564, 14.2870, 13.2144



28.1413, 31.3999, 4.5776



1.7301, 1.9593, 0.2870

Inverse Universe

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



15.6820, 9.8413, 64.6908



19.4304, 9.4580, 95.4092



20.3185, 10.8958, 64.6499



11.8464, 12.2162, 15.6711



7.5514, 3.3647, 38.7046



0.4919, 0.2757, 2.3466

Previews

White Background



This preview shows how the XYZ color 48.3176, 54.4766, 11.2172 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 48.3176, 54.4766, 11.2172 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 48.3176, 54.4766, 11.2172

Background



This preview shows how black text looks on a background with the XYZ color 48.3176, 54.4766, 11.2172.



This preview shows how white text looks on a background with the XYZ color 48.3176, 54.4766,

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

48.3176, 54.4766, 11.2172

Protanopia

49.3484, 54.3382, 11.1362

Deuteranopia

55.3957, 54.2264, 11.4180



Tritanopia

58.3849, 54.3657, 60.8425

Trichromacy



Original Color

48.3176, 54.4766, 11.2172

Protanomaly

48.9750, 54.4795, 11.1831

Deuteranomaly

52.4915, 53.9947, 11.2698

Tritanomaly

53.1272, 53.8117, 34.3746

Monochromacy



Original Color

48.3176, 54.4766, 11.2172

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.6938, 50.3688, 30.9807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3176, 54.4766, 11.2172 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(214, 197, 52)` looks like.

```
.text, #text, p{  
    color:rgb(214, 197, 52)  
}
```

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(214, 197, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 197, 52) }
```

Border

The CSS property to change the border of an element to XYZ 48.3176, 54.4766, 11.2172 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(214, 197, 52) }
```


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

```
.border{ border-color:rgb(214, 197, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 197, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 197, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 197, 52);  
box-shadow:4px 4px 4px 4px rgb(214, 197,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3176, 54.4766, 11.2172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 197, 52) }
```

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

```
.background{ background-color: rgb(214,  
197, 52) }
```

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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