

Converting Colors

XYZ(41.2410, 48.9484, 9.1734)

Have a look what the booklet for
XYZ(41.2410, 48.9484, 9.1734)
contains.

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Color

**XYZ(41.2451, 48.8774,
9.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BF27
RGB	194, 191, 39
RGB Percent	76%, 75%, 15%
CMY	0.2392, 0.2510, 0.8470
CMYK	0.00, 0.02, 0.80, 0.24
HSL	59°, 67%, 46%
HSV	59°, 80%, 76%
XYZ	41.2451, 48.8774, 9.1799
YIQ	174.5690, 50.5800, -46.6360

Conversions

Conversions Part 2

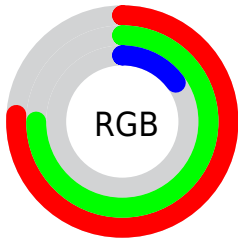
Format	Color
R _Y B	42, 194, 39
Decimal	12762919
CIE Lab	75.37, -15.32, 69.85
CIE LCh	75, 71.505, 102.368
Yxy	48.8774, 0.4153, 0.4922
Android (android.graphics.Color)	4290952999 (0xFFC2BF27)
YUV	174.5690, -66.8355, 17.0410
Hunter-Lab	69.9124, -17.0398, 41.1535

Details

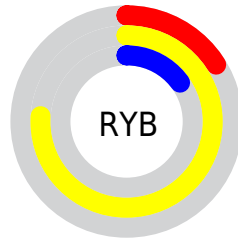
The XYZ color **41.2451, 48.8774, 9.1799** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **11.4025, 5.9825, 51.5922**, and the grayscale version is **40.8421, 42.9691, 46.7934**.

A 20% lighter version of the original color is **76.3859, 88.4932, 24.8593**, and **19.2418, 23.4112, 3.5047** is the 20% darker color. If you saturate the color by 10%, you get **40.9211, 48.6190, 7.8713**, and if you desaturate by 10%, it is **41.7358, 49.2065, 11.3556**.

Distribution



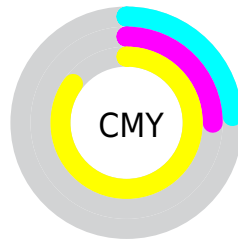
- Red (76%)
- Green (75%)
- Blue (15%)



- Red (16%)
- Yellow (76%)
- Blue (15%)



- Cyan (0%)
- Magenta (2%)
- Yellow (80%)
- Black (24%)





- Cyan (24%)
- Magenta (25%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2451, 48.8774, 9.1799 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 41.2451, 48.8774, 9.1799 by changing the saturation by 10% instead.


 41.2451, 48.8774,
9.1799


 41.2451, 48.8774,
9.1799


342.3891,
382.2595, 194.9815


 28.6992, 34.5222,
4.7603


 76.3282, 88.5093,
24.8243


 18.9965, 23.2951,
2.0510


 99.5960, 114.5549,
36.8863

 11.7717, 14.8115,
0.5864


 127.1686,
145.2661, 52.3327

 6.6595, 8.6872,
0.0000

 159.4112,
181.0272, 71.5822

 3.2945, 4.5377,
0.0000

 196.6892,
222.2227, 95.0533

 1.3114, 1.9787,
0.0000

 239.3679,

 0.1917, 0.5950,

269.2370, 123.1645

0.0000

287.8128,
322.4545, 156.3344

■ 0.0000, 0.0000,
0.0000

■ 41.2451, 48.8774,
9.1799

■ 41.2451, 48.8774,
9.1799

■ 40.9211, 48.6190,
7.8713

■ 41.7358, 49.2065,
11.3556

■ 40.7180, 48.4075,
7.2035

■ 42.4120, 49.6082,
14.5115

■ 40.7160, 48.4053,
7.1972

■ 43.2933, 50.0923,
18.7469

■ 44.3963, 50.6655,
24.1482

■ 45.7356, 51.3334,
30.7929

■ 47.3246, 52.1017,
38.7521

■ 49.1760, 52.9752,
48.0913

■ 51.3012, 53.9585,
58.8718

■ 53.7113, 55.0562,
71.1511

Harmonies

Analogous

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



54.5500, 48.8774, 9.7241



41.2451, 48.8774, 9.1799



31.4065, 48.8774, 15.6269

Triad

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



41.2451, 48.8774, 9.1799



30.1576, 48.8774, 118.5105



74.9830, 48.8774, 78.3251

Complementary

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



41.2451, 48.8774, 9.1799



11.4025, 5.9825, 51.5922

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.



65.6786, 48.8774, 126.7188



41.2451, 48.8774, 9.1799



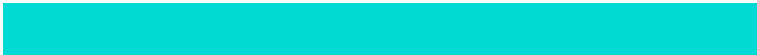
39.2060, 48.8774, 156.4580

Square

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



41.2451, 48.8774, 9.1799



25.8651, 48.8774, 70.2977



52.0894, 48.8774, 160.0200



75.8137, 48.8774, 39.1583

Rectangle

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



41.2451, 48.8774, 9.1799



27.4522, 48.8774, 26.1889



52.0894, 48.8774, 160.0200



72.6718, 48.8774, 94.3989

Sweetspot

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



41.2462, 48.8797, 9.1809



84.3918, 93.7485, 63.4364



23.4316, 13.1039, 3.6943



18.2567, 20.4211, 12.7699



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.



41.2462, 48.8797, 9.1809



73.8597, 87.7944, 13.3432



27.6373, 42.8432, 8.7330



10.8962, 11.7239, 10.7505



26.7772, 31.8402, 4.7345



1.1624, 1.3865, 0.2064

Inverse Universe

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



11.4025, 5.9825, 51.5922



17.9362, 7.4574, 92.9639



17.0613, 8.7479, 51.8277



9.5436, 9.7784, 12.6693



6.4359, 2.6282, 33.7247



0.2836, 0.1245, 1.4590

Previews

White Background



This preview shows how the XYZ color 41.2451, 48.8774, 9.1799 looks on a white background.

Color Contrast Check

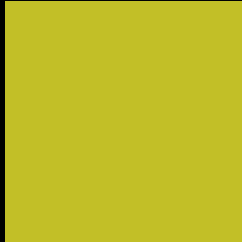
Large Text (above 18pt) WCAG AA × Fail

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 41.2451, 48.8774, 9.1799 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 41.2451, 48.8774, 9.1799

Background



This preview shows how black text looks on a background with the XYZ color 41.2451, 48.8774, 9.1799.



This preview shows how white text looks on a background with the XYZ color 41.2451, 48.8774,

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

41.2451, 48.8774, 9.1799

Protanopia

44.2033, 48.8131, 8.9258

Deuteranopia

49.6427, 48.5795, 9.4497



Tritanopia

50.8884, 48.7684, 56.6003

Trichromacy



Original Color

41.2451, 48.8774, 9.1799

Protanomaly

43.2349, 48.9437, 9.0021

Deuteranomaly

46.1919, 48.2897, 9.2691

Tritanomaly

45.7345, 48.2011, 30.1858

Monochromacy



Original Color

41.2451, 48.8774, 9.1799

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.5812, 44.4992, 26.2417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2451, 48.8774, 9.1799 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(194, 191, 39)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 39)  
}
```

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(194, 191, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 39) }
```

Border

The CSS property to change the border of an element to XYZ 41.2451, 48.8774, 9.1799 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(194, 191, 39) }
```


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

```
.border{ border-color:rgb(194, 191, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 39);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2451, 48.8774, 9.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 39) }
```

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

```
.background{ background-color: rgb(194,  
191, 39) }
```

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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