

Converting Colors

XYZ(40.9807, 49.6921, 7.7245)

Have a look what the booklet for
XYZ(40.9807, 49.6921, 7.7245)
contains.

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Color

**XYZ(41.0848, 49.8120,
7.7364)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C20A
RGB	192, 194, 10
RGB Percent	75%, 76%, 4%
CMY	0.2471, 0.2392, 0.9607
CMYK	0.01, 0.00, 0.95, 0.24
HSL	61°, 90%, 40%
HSV	61°, 95%, 76%
XYZ	41.0848, 49.8120, 7.7364
YIQ	172.4260, 57.8720, -57.6480

Conversions

Conversions Part 2

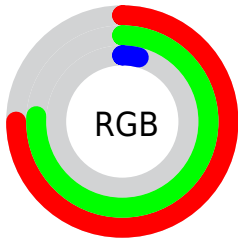
Format	Color
RYB	10, 194, 12
Decimal	12632586
CIELab	75.95, -18.30, 75.70
CIELCh	76, 77.885, 103.590
Yxy	49.8120, 0.4165, 0.5050
Android (android.graphics.Color)	4290822666 (0xFFC0C20A)
YUV	172.4260, -80.0760, 17.1664
Hunter-Lab	70.5776, -19.6020, 42.9052

Details

The XYZ color **41.0848, 49.8120, 7.7364** 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 **9.9990, 4.1912, 51.3241**, and the grayscale version is **39.8043, 41.8772, 45.6042**.

A 20% lighter version of the original color is **75.9702, 89.7225, 21.9085**, and **19.3564, 24.1181, 3.6351** is the 20% darker color. If you saturate the color by 10%, you get **41.0034, 49.7781, 7.4470**, and if you desaturate by 10%, it is **41.3117, 49.9108, 8.6463**.

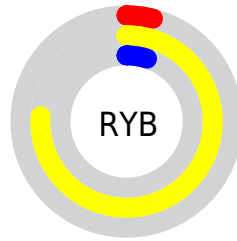
Distribution



Red (75%)

Green (76%)

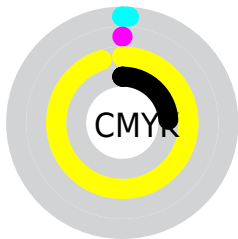
Blue (4%)



Red (4%)

Yellow (76%)

Blue (5%)

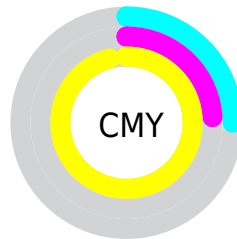


Cyan (1%)

Magenta (0%)

Yellow (95%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0848, 49.8120, 7.7364 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 41.0848, 49.8120, 7.7364 by changing the saturation by 10% instead.

■ 41.0848, 49.8120,
7.7364

■ 41.0848, 49.8120,
7.7364

341.7314,
385.9303, 183.5063

■ 28.5733, 35.2640,
3.8414

■ 76.0865, 89.8963,
21.9776

■ 18.9009, 23.8663,
1.5387

■ 99.3074, 116.2014,
33.1609

■ 11.7023, 15.2345,
0.2465

■ 126.8289,
147.1943, 47.6107

■ 6.6121, 8.9841,
0.0000

■ 159.0162,
183.2595, 65.7456

■ 3.2648, 4.7308,
0.0000

■ 196.2348,
224.7812, 87.9840

■ 1.2953, 2.0902,
0.0000

■ 238.8499,

■ 0.1797, 0.6591,

272.1440, 114.7446

0.0000

287.2270,
325.7323, 146.4458

■ 0.0000, 0.0000,
0.0000

■ 41.0848, 49.8120,
7.7364

■ 41.0848, 49.8120,
7.7364

■ 41.0034, 49.7781,
7.4470

■ 41.3117, 49.9108,
8.6463

■ 41.6889, 50.0679,
10.3529

■ 42.2423, 50.2955,
12.9861

■ 42.9918, 50.6015,
16.6519

■ 43.9549, 50.9930,
21.4423

■ 45.1472, 51.4761,
27.4387

■ 46.5826, 52.0565,
34.7153

■ 48.2741, 52.7394,
43.3401

■ 50.2337, 53.5295,
53.3765

Harmonies

Analogous

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



55.6755, 49.8120, 8.0177



41.0848, 49.8120, 7.7364



30.5904, 49.8120, 14.4985

Triad

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



41.0848, 49.8120, 7.7364



29.8702, 49.8120, 130.1259



79.4821, 49.8120, 80.0976

Complementary

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



41.0848, 49.8120, 7.7364



9.9990, 4.1912, 51.3241

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.



69.3139, 49.8120, 135.1749



41.0848, 49.8120, 7.7364



39.8895, 49.8120, 172.7237

Square

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



41.0848, 49.8120, 7.7364



25.0677, 49.8120, 75.2704



54.2104, 49.8120, 174.9369



79.9853, 49.8120, 37.5394

Rectangle

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



41.0848, 49.8120, 7.7364



26.4887, 49.8120, 25.8861



54.2104, 49.8120, 174.9369



76.9998, 49.8120, 98.1249

Sweetspot

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



41.0859, 49.8143, 7.7374



83.3998, 93.9070, 57.8584



22.4132, 11.7095, 1.3666



18.0167, 20.4648, 11.4189



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.



41.0859, 49.8143, 7.7374



74.2678, 90.1719, 13.4906



24.8289, 41.4335, 6.9766



10.9022, 11.7526, 10.7557



26.9617, 32.7281, 4.8961



1.1685, 1.4159, 0.2117

Inverse Universe

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



9.9990, 4.1912, 51.3241



17.6766, 7.0746, 92.9037



15.3279, 6.9384, 51.5735



9.5382, 9.7531, 12.6646



6.4241, 2.5722, 33.7145



0.2811, 0.1130, 1.4569

Previews

White Background



This preview shows how the XYZ color 41.0848, 49.8120, 7.7364 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 41.0848, 49.8120, 7.7364 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 41.0848, 49.8120, 7.7364

Background



This preview shows how black text looks on a background with the XYZ color 41.0848, 49.8120, 7.7364.



This preview shows how white text looks on a background with the XYZ color 41.0848, 49.8120,

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

41.0848, 49.8120, 7.7364

Protanopia

44.8472, 49.8153, 7.2516

Deuteranopia

50.5615, 49.3761, 8.1620



Tritanopia

51.2357, 49.5167, 57.8962

Trichromacy



Original Color

41.0848, 49.8120, 7.7364

Protanomaly

43.3372, 49.6730, 7.4186

Deuteranomaly

46.6033, 49.1445, 7.8402

Tritanomaly

44.9991, 48.5096, 27.0703

Monochromacy



Original Color

41.0848, 49.8120, 7.7364

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.8923, 43.4185, 22.0063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0848, 49.8120, 7.7364 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(192, 194, 10)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 10)  
}
```

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(192, 194, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 10) }
```

Border

The CSS property to change the border of an element to XYZ 41.0848, 49.8120, 7.7364 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(192, 194, 10) }
```


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

```
.border{ border-color:rgb(192, 194, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 10);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
10) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0848, 49.8120, 7.7364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 10) }
```

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

```
.background{ background-color: rgb(192,  
194, 10) }
```

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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