

Converting Colors

XYZ(40.6552, 49.6502, 3.7075)

Have a look what the booklet for
XYZ(40.6552, 49.6502, 3.7075)
contains.

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Color

**XYZ(41.2841, 49.9210,
7.4598)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C1C200 |
| RGB | 193, 194, 0 |
| RGB Percent | 76%, 76%, 0% |
| CMY | 0.2431, 0.2392, 0.9999 |
| CMYK | 0.01, 0.00, 1.00, 0.24 |
| HSL | 60°, 100%, 38% |
| HSV | 60°, 100%, 76% |
| XYZ | 41.2841, 49.9210, 7.4598 |
| YIQ | 171.5850, 61.6780, -60.5460 |

Conversions

Conversions Part 2

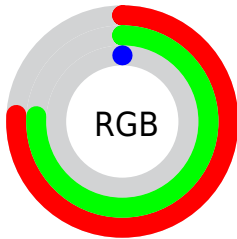
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 194, 1 |
| Decimal | 12698112 |
| CIELab | 76.02, -17.98, 76.82 |
| CIELCh | 76, 78.895, 103.173 |
| Yxy | 49.9210, 0.4184, 0.5060 |
| Android (android.graphics.Color) | 4290888192 (0xFFC1C200) |
| YUV | 171.5850, -84.5914, 18.7810 |
| Hunter-Lab | 70.6548, -19.3471, 43.1985 |

Details

The XYZ color **41.2841, 49.9210, 7.4598** 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 **9.7513, 3.9024, 51.2813**, and the grayscale version is **39.3972, 41.4489, 45.1379**.

A 20% lighter version of the original color is **76.2166, 89.8631, 21.3109**, and **19.5165, 24.2006, 3.6426** is the 20% darker color. If you saturate the color by 10%, you get **41.2851, 49.9233, 7.4602**, and if you desaturate by 10%, it is **41.4319, 49.9850, 8.0995**.

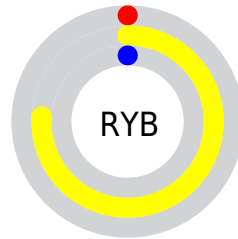
Distribution



Red (76%)

Green (76%)

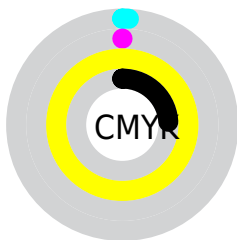
Blue (0%)



Red (0%)

Yellow (76%)

Blue (0%)

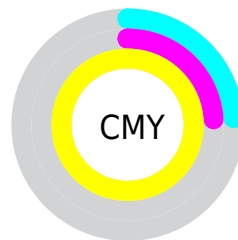


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2841, 49.9210, 7.4598 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 41.2841, 49.9210, 7.4598 by changing the saturation by 10% instead.

■ 41.2841, 49.9210,
7.4598

■ 41.2841, 49.9210,
7.4598

342.5489,
386.3569, 181.2048

■ 28.7298, 35.3506,
3.6685

■ 76.3870, 90.0578,
21.4208

■ 19.0198, 23.9331,
1.4453

■ 99.6662, 116.3931,
32.4276

■ 11.7886, 15.2840,
0.1767

■ 127.2512,
147.4187, 46.6767

■ 6.6711, 9.0189,
0.0000

■ 159.5072,
183.5192, 64.5866

■ 3.3018, 4.7535,
0.0000

■ 196.7996,
225.0788, 86.5758

■ 1.3153, 2.1034,
0.0000

■ 239.4938,

■ 0.1946, 0.6665,

272.4821, 113.0628

0.0000

287.9552,
326.1133, 144.4663

■ 0.0000, 0.0000,
0.0000

■ 41.2841, 49.9210,
7.4598

■ 41.2841, 49.9210,
7.4598

■ 41.2851, 49.9233,
7.4602

■ 41.4319, 49.9850,
8.0995

■ 41.6997, 50.0951,
9.3756

■ 42.1315, 50.2708,
11.5155

■ 42.7495, 50.5209,
14.6355

■ 43.5724, 50.8530,
18.8342

■ 44.6165, 51.2736,
24.1980

■ 45.8966, 51.7887,
30.8046

■ 47.4262, 52.4035,
38.7250

■ 49.2178, 53.1231,
48.0249

Harmonies

Analogous

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



56.1258, 49.9210, 7.8216



41.2841, 49.9210, 7.4598



30.5930, 49.9210, 14.0724

Triad

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



41.2841, 49.9210, 7.4598



29.6501, 49.9210, 130.8530



80.0369, 49.9210, 81.3704

Complementary

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



41.2841, 49.9210, 7.4598



9.7513, 3.9024, 51.2813

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.



69.5766, 49.9210, 137.5310



41.2841, 49.9210, 7.4598



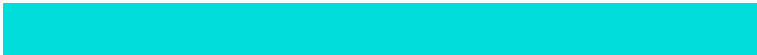
39.7150, 49.9210, 174.7762

Square

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



41.2841, 49.9210, 7.4598



24.8745, 49.9210, 75.0078



54.1977, 49.9210, 177.7079



80.7009, 49.9210, 37.8914

Rectangle

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



41.2841, 49.9210, 7.4598



26.4016, 49.9210, 25.3587



54.1977, 49.9210, 177.7079



77.4647, 49.9210, 99.7773

Sweetspot

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



41.2852, 49.9233, 7.4608



83.0249, 93.7729, 55.1703



22.2498, 11.4705, 1.0420



17.9534, 20.4435, 10.9028



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.



41.2852, 49.9233, 7.4608



74.7863, 90.4392, 13.5149



24.2243, 41.1281, 6.6624



10.9081, 11.7556, 10.7560



27.1444, 32.8223, 4.9047



1.1745, 1.4190, 0.2120

Inverse Universe

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



9.7513, 3.9024, 51.2813



17.6585, 7.0653, 92.9028



14.6696, 6.4379, 51.5115



9.5331, 9.7504, 12.6644



6.4126, 2.5663, 33.7140



0.2788, 0.1118, 1.4568

Previews

White Background



This preview shows how the XYZ color 41.2841, 49.9210, 7.4598 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 41.2841, 49.9210, 7.4598 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 41.2841, 49.9210, 7.4598

Background



This preview shows how black text looks on a background with the XYZ color 41.2841, 49.9210, 7.4598.

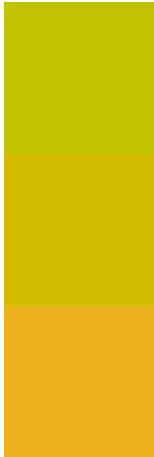


This preview shows how white text looks on a background with the XYZ color 41.2841, 49.9210,

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

41.2841, 49.9210, 7.4598

Protanopia

44.8472, 49.8153, 7.2516

Deuteranopia

50.7342, 49.7624, 8.0935



Tritanopia

51.5125, 49.6594, 57.9092

Trichromacy



Original Color

41.2841, 49.9210, 7.4598

Protanomaly

43.3153, 49.6643, 7.3032

Deuteranomaly

46.7649, 49.5403, 7.6697

Tritanomaly

45.0115, 48.5455, 25.7367

Monochromacy



Original Color

41.2841, 49.9210, 7.4598

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

37.9040, 43.4499, 20.8569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2841, 49.9210, 7.4598 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(193, 194, 0)` looks like.

```
.text, #text, p{  
    color:rgb(193, 194, 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(193, 194, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 194, 0) }
```

Border

The CSS property to change the border of an element to XYZ 41.2841, 49.9210, 7.4598 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(193, 194, 0) }
```


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

```
.border{ border-color:rgb(193, 194, 0) }
```

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

Here you see how a box with a 4 pixel rgb(193, 194, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 194, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 194, 0);  
box-shadow:4px 4px 4px 4px rgb(193, 194,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2841, 49.9210, 7.4598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 194, 0) }
```

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

```
.background{ background-color: rgb(193,  
194, 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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