

Converting Colors

XYZ(41.9524, 49.2805, 7.4733)

Have a look what the booklet for
XYZ(41.9524, 49.2805, 7.4733)
contains.

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Color

**XYZ(41.9524, 49.2805,
7.4733)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BF06
RGB	198, 191, 6
RGB Percent	78%, 75%, 2%
CMY	0.2235, 0.2510, 0.9764
CMYK	0.00, 0.04, 0.97, 0.22
HSL	58°, 94%, 40%
HSV	58°, 97%, 78%
XYZ	41.9524, 49.2805, 7.4733
YIQ	172.0030, 63.5570, -56.0510

Conversions

Conversions Part 2

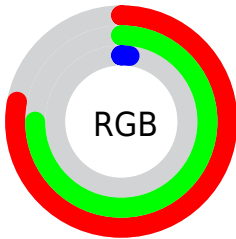
Format	Color
R _Y B	13, 198, 6
Decimal	13025030
CIE Lab	75.63, -14.24, 76.09
CIE LCh	76, 77.410, 100.603
Yxy	49.2805, 0.4250, 0.4993
Android (android.graphics.Color)	4291215110 (0xFFC6BF06)
YUV	172.0030, -81.8395, 22.7994
Hunter-Lab	70.2001, -16.1764, 42.8282

Details

The XYZ color **41.9524, 49.2805, 7.4733** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed orange. A complement of this color would be **10.4125, 4.4043, 53.7270**, and the grayscale version is **39.5955, 41.6575, 45.3650**.

A 20% lighter version of the original color is **76.1010, 88.4216, 21.4436**, and **19.7359, 23.6659, 3.5278** is the 20% darker color. If you saturate the color by 10%, you get **41.8727, 49.1740, 7.2846**, and if you desaturate by 10%, it is **42.2627, 49.6588, 8.3246**.

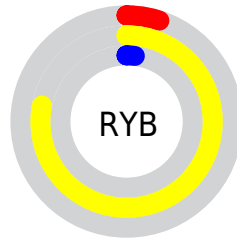
Distribution



Red (78%)

Green (75%)

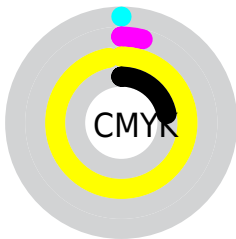
Blue (2%)



Red (5%)

Yellow (78%)

Blue (2%)

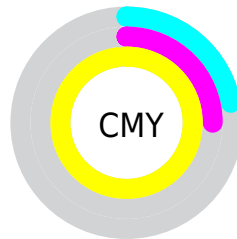


Cyan (0%)

Magenta (4%)

Yellow (97%)

Black (22%)



Cyan (22%)

Magenta (25%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9524, 49.2805, 7.4733 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 41.9524, 49.2805, 7.4733 by changing the saturation by 10% instead.

41.9524, 49.2805,
7.4733

41.9524, 49.2805,
7.4733

345.2806,
383.8455, 181.3180

29.2550, 34.8420,
3.6769

77.3932, 89.1079,
21.4481

19.4190, 23.5412,
1.4498

100.8673,
115.2657, 32.4636

12.0793, 14.9937,
0.1801

128.6643,
146.0986, 46.7225

6.8703, 8.8149,
0.0000

161.1495,
181.9912, 64.6435

3.4267, 4.6207,
0.0000

198.6885,
223.3278, 86.6449

1.3832, 2.0265,
0.0000

241.6464,

0.2442, 0.6228,

270.4928, 113.1455

0.0000

290.3886,
323.8706, 144.5636

■ 0.0000, 0.0000,
0.0000

■ 41.9524, 49.2805,
7.4733

■ 41.9524, 49.2805,
7.4733

■ 41.8727, 49.1740,
7.2846

■ 42.2627, 49.6588,
8.3246

■ 42.7225, 50.0963,
9.9638

■ 43.3624, 50.6071,
12.5481

■ 44.2046, 51.2001,
16.1935

■ 45.2678, 51.8827,
20.9991

■ 46.5688, 52.6616,
27.0529

■ 48.1226, 53.5430,
34.4341

■ 49.9430, 54.5322,
43.2157

■ 52.0430, 55.6345,
53.4652

Harmonies

Analogous

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



56.5953, 49.2805, 8.3464



41.9524, 49.2805, 7.4733



31.1040, 49.2805, 13.2873

Triad

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



41.9524, 49.2805, 7.4733



28.8859, 49.2805, 123.1054



77.9178, 49.2805, 84.3497

Complementary

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



41.9524, 49.2805, 7.4733



10.4125, 4.4043, 53.7270

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.



67.1484, 49.2805, 138.5903



41.9524, 49.2805, 7.4733



38.2749, 49.2805, 167.7472

Square

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



41.9524, 49.2805, 7.4733



24.6482, 49.2805, 69.5198



52.0924, 49.2805, 174.5297



79.4625, 49.2805, 40.4135

Rectangle

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



41.9524, 49.2805, 7.4733



26.7081, 49.2805, 23.5055



52.0924, 49.2805, 174.5297



75.1667, 49.2805, 102.4366

Sweetspot

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



41.9535, 49.2828, 7.4743



84.4922, 94.4113, 57.5130



23.4446, 12.1727, 1.5894



17.8283, 20.0627, 11.0912



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.



41.9535, 49.2828, 7.4743



74.1076, 86.9952, 12.8859



26.8595, 43.8203, 7.2155



11.4895, 12.3482, 11.3406



27.2453, 32.0078, 4.7421



1.3006, 1.5367, 0.2281

Inverse Universe

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



10.4125, 4.4043, 53.7270



18.1508, 7.4217, 95.0836



14.7133, 6.5045, 53.9057



10.0871, 10.3484, 13.3833



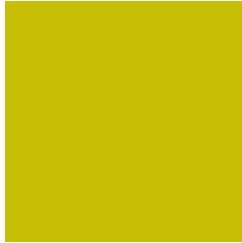
6.6933, 2.7806, 34.9283



0.3280, 0.1538, 1.6575

Previews

White Background



This preview shows how the XYZ color 41.9524, 49.2805, 7.4733 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 41.9524, 49.2805, 7.4733 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 41.9524, 49.2805, 7.4733

Background



This preview shows how black text looks on a background with the XYZ color 41.9524, 49.2805, 7.4733.

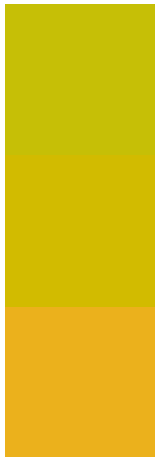


This preview shows how white text looks on a background with the XYZ color 41.9524, 49.2805,

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

41.9524, 49.2805, 7.4733

Protanopia

44.3487, 49.2423, 7.1673

Deuteranopia

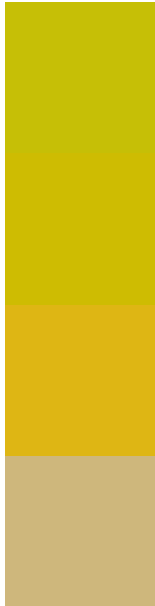
50.1927, 49.1903, 7.9478



Tritanopia

51.9027, 49.3040, 56.0713

Trichromacy



Original Color

41.9524, 49.2805, 7.4733

Protanomaly

43.4478, 49.0926, 7.2433

Deuteranomaly

46.9784, 49.0360, 7.6507

Tritanomaly

46.0252, 48.4440, 25.9936

Monochromacy



Original Color

41.9524, 49.2805, 7.4733

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.1008, 43.2338, 21.6661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9524, 49.2805, 7.4733 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(198, 191, 6)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 6)  
}
```

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(198, 191, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 6) }
```

Border

The CSS property to change the border of an element to XYZ 41.9524, 49.2805, 7.4733 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(198, 191, 6) }
```


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

```
.border{ border-color:rgb(198, 191, 6) }
```

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

Here you see how a box with a 4 pixel rgb(198, 191, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 191, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 191, 6);  
box-shadow:4px 4px 4px 4px rgb(198, 191,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9524, 49.2805, 7.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 6) }
```

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

```
.background{ background-color: rgb(198,  
191, 6) }
```

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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