

Converting Colors

XYZ(41.7614, 47.3474, 6.9379)

Have a look what the booklet for
XYZ(41.7614, 47.3474, 6.9379)
contains.

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Color

**XYZ(41.7061, 47.2545,
6.9229)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB900
RGB	202, 185, 0
RGB Percent	79%, 73%, 0%
CMY	0.2078, 0.2745, 0.9999
CMYK	0.00, 0.08, 1.00, 0.21
HSL	55°, 100%, 40%
HSV	55°, 100%, 79%
XYZ	41.7061, 47.2545, 6.9229
YIQ	168.9930, 69.5170, -53.9310

Conversions

Conversions Part 2

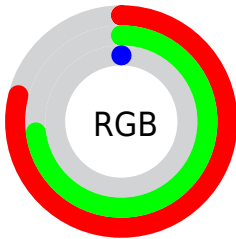
Format	Color
R _Y B	19, 202, 0
Decimal	13285632
CIE Lab	74.35, -9.50, 75.95
CIE LCh	74, 76.547, 97.131
Yxy	47.2545, 0.4350, 0.4928
Android (android.graphics.Color)	4291475712 (0xFFCAB900)
YUV	168.9930, -83.3135, 28.9471
Hunter-Lab	68.7419, -12.0014, 42.1483

Details

The XYZ color **41.7061, 47.2545, 6.9229** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as dark washed orange. A complement of this color would be **10.8615, 4.6657, 56.2048**, and the grayscale version is **38.0862, 40.0696, 43.6358**.

A 20% lighter version of the original color is **74.1805, 84.7647, 20.2361**, and **19.5790, 22.3422, 3.2805** is the 20% darker color. If you saturate the color by 10%, you get **41.7067, 47.2560, 6.9231**, and if you desaturate by 10%, it is **42.1930, 48.0234, 7.7178**.

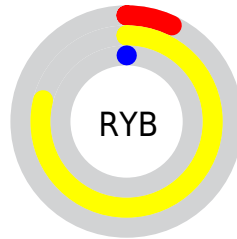
Distribution



Red (79%)

Green (73%)

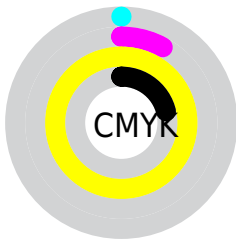
Blue (0%)



Red (7%)

Yellow (79%)

Blue (0%)

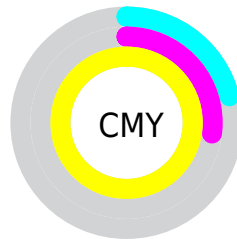


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7061, 47.2545, 6.9229 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 41.7061, 47.2545, 6.9229 by changing the saturation by 10% instead.

■ 41.7061, 47.2545,
6.9229

■ 41.7061, 47.2545,
6.9229

344.2756,
375.8295, 176.6281

■ 29.0613, 33.2369,
3.3362

■ 77.0226, 86.0934,
20.3282

■ 19.2717, 22.3080,
1.2688

■ 100.4250,
111.6835, 30.9838

■ 11.9720, 14.0834,
0.0360

■ 128.1440,
141.8998, 44.8329

■ 6.7967, 8.1787,
0.0000

■ 160.5450,
177.1268, 62.2939

■ 3.3805, 4.2095,
0.0000

■ 197.9933,
217.7489, 83.7853

■ 1.3580, 1.7914,
0.0000

■ 240.8542,

■ 0.2260, 0.4818,

264.1504, 109.7258

0.0000

289.4932,
316.7158, 140.5339

■ 0.0000, 0.0000,
0.0000

■ 41.7061, 47.2545,
6.9229

■ 41.7061, 47.2545,
6.9229

■ 41.7067, 47.2560,
6.9231

■ 42.1930, 48.0234,
7.7178

■ 42.8169, 48.8521,
9.2179

■ 43.6251, 49.7614,
11.6670

■ 44.6420, 50.7610,
15.1942

■ 45.8883, 51.8593,
19.9083

■ 47.3822, 53.0635,
25.9049

■ 49.1400, 54.3802,
33.2699

■ 51.1767, 55.8155,
42.0816

■ 53.5060, 57.3747,
52.4127

Harmonies

Analogous

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



56.0126, 47.2545, 8.4325



41.7061, 47.2545, 6.9229



30.7492, 47.2545, 11.5780

Triad

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



41.7061, 47.2545, 6.9229



26.9354, 47.2545, 112.1588



74.0018, 47.2545, 86.9162

Complementary

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



41.7061, 47.2545, 6.9229



10.8615, 4.6657, 56.2048

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.



62.8721, 47.2545, 138.7054



41.7061, 47.2545, 6.9229



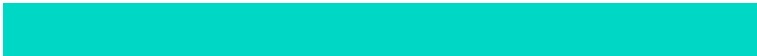
35.3877, 47.2545, 157.7530

Square

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



41.7061, 47.2545, 6.9229



23.4271, 47.2545, 61.4530



48.2823, 47.2545, 169.3721



76.6512, 47.2545, 42.5997

Rectangle

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



41.7061, 47.2545, 6.9229



26.1402, 47.2545, 20.2898



48.2823, 47.2545, 169.3721



71.0321, 47.2545, 104.5702

Sweetspot

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



41.7072, 47.2568, 6.9238



83.0671, 91.9764, 55.7583



24.4854, 12.6082, 1.8152



17.4973, 19.4784, 10.7406



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.



41.7072, 47.2568, 6.9238



70.5335, 79.8471, 11.6945



29.0348, 46.3207, 7.4111



12.0700, 12.9289, 11.9388



26.8700, 30.4730, 4.4657



1.4105, 1.6208, 0.2385

Inverse Universe

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



10.8615, 4.6657, 56.2048



18.3266, 7.7732, 95.1422



14.0380, 6.0057, 56.2960



10.6764, 10.9932, 14.1296



7.0163, 3.0566, 36.1765



0.3888, 0.2114, 1.8753

Previews

White Background



This preview shows how the XYZ color 41.7061, 47.2545, 6.9229 looks on a white background.

Color Contrast Check

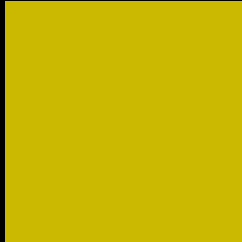
Large Text (above 18pt) WCAG AA × Fail

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 41.7061, 47.2545, 6.9229 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 41.7061, 47.2545, 6.9229

Background



This preview shows how black text looks on a background with the XYZ color 41.7061, 47.2545, 6.9229.

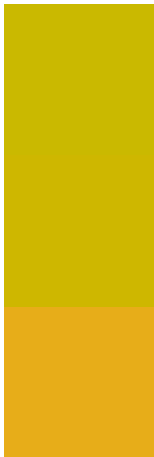


This preview shows how white text looks on a background with the XYZ color 41.7061, 47.2545,

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

41.7061, 47.2545, 6.9229

Protanopia

42.3871, 46.9888, 6.8357

Deuteranopia

48.0740, 46.9463, 7.4475



Tritanopia

50.9501, 47.1540, 52.3152

Trichromacy



Original Color

41.7061, 47.2545, 6.9229

Protanomaly

42.3173, 47.2601, 6.8918

Deuteranomaly

45.3309, 46.6973, 7.1145

Tritanomaly

45.2867, 46.3076, 23.6909

Monochromacy



Original Color

41.7061, 47.2545, 6.9229

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.0928, 41.5664, 20.2555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7061, 47.2545, 6.9229 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(202, 185, 0)` looks like.

```
.text, #text, p{  
    color:rgb(202, 185, 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(202, 185, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 185, 0) }
```

Border

The CSS property to change the border of an element to XYZ 41.7061, 47.2545, 6.9229 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(202, 185, 0) }
```


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

```
.border{ border-color:rgb(202, 185, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 185, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 185, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 185, 0);  
box-shadow:4px 4px 4px 4px rgb(202, 185,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7061, 47.2545, 6.9229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 185, 0) }
```

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

```
.background{ background-color: rgb(202,  
185, 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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