

Converting Colors

XYZ(47.0450, 60.8128, 9.2588)

Have a look what the booklet for
XYZ(47.0450, 60.8128, 9.2588)
contains.

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Color

**XYZ(47.0615, 60.7138,
9.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D800
RGB	195, 216, 0
RGB Percent	76%, 85%, 0%
CMY	0.2353, 0.1529, 0.9999
CMYK	0.10, 0.00, 1.00, 0.15
HSL	66°, 100%, 42%
HSV	66°, 100%, 85%
XYZ	47.0615, 60.7138, 9.2385
YIQ	185.0970, 56.8200, -71.6280

Conversions

Conversions Part 2

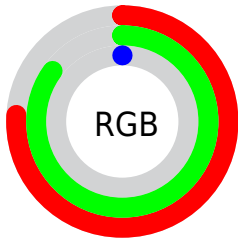
Format	Color
RYB	0, 216, 21
Decimal	12834816
CIELab	82.22, -27.82, 81.47
CIElCh	82, 86.088, 108.855
Yxy	60.7138, 0.4022, 0.5189
Android (android.graphics.Color)	4291024896 (0xFFC3D800)
YUV	185.0970, -91.2528, 8.6849
Hunter-Lab	77.9191, -28.5481, 47.5136

Details

The XYZ color **47.0615, 60.7138, 9.2385** 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 **12.7056, 5.1185, 65.2878**, and the grayscale version is **46.6412, 49.0702, 53.4375**.

A 20% lighter version of the original color is **78.7203, 93.4681, 22.9090**, and **22.8982, 30.7240, 4.7235** is the 20% darker color. If you saturate the color by 10%, you get **47.0621, 60.7162, 9.2390**, and if you desaturate by 10%, it is **47.7507, 61.0549, 10.0084**.

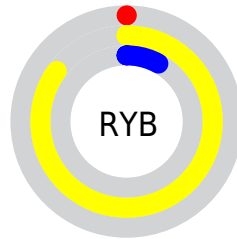
Distribution



Red (76%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (8%)

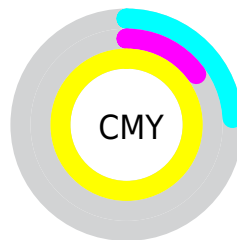


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (24%)


Magenta (15%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0615, 60.7138, 9.2385 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 47.0615, 60.7138, 9.2385 by changing the saturation by 10% instead.


 47.0615, 60.7138,
9.2385


 47.0615, 60.7138,
9.2385


365.7048,
427.2238, 195.4304


 33.2924, 43.9942,
4.7981


 85.0236, 105.8644,
24.9380


 22.5109, 30.6660,
2.0727


 109.9473,
135.0643, 37.0342


 14.3515, 20.3446,
0.5994


 139.3200,
169.1930, 52.5195

 8.4488, 12.6458,
0.0000


 173.5070,
208.6351, 71.8124

 4.4377, 7.1851,
0.0000

 212.8736,
253.7748, 95.3313

 1.9526, 3.5781,
0.0000

 257.7852,

 0.6071, 1.4405,

304.9965, 123.4950

0.0000

308.6071,
362.6848, 156.7218

■ 0.0000, 0.2463,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.0615, 60.7138,
9.2385

■ 47.0615, 60.7138,
9.2385

■ 47.0621, 60.7162,
9.2390

■ 47.7507, 61.0549,
10.0084

■ 48.6041, 61.4603,
11.6088

■ 49.6751, 61.9536,
14.3151

■ 50.9927, 62.5465,
18.2800

■ 52.5816, 63.2487,
23.6324

■ 54.4631, 64.0690,
30.4851

■ 56.6564, 65.0148,
38.9393

■ 59.1793, 66.0934,
49.0876

■ 62.0479, 67.3112,
61.0154

Harmonies

Analogous

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



64.7815, 60.7138, 8.3254



47.0615, 60.7138, 9.2385



35.0501, 60.7138, 19.4875

Triad

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



47.0615, 60.7138, 9.2385



37.5059, 60.7138, 174.7951



99.5926, 60.7138, 87.5704

Complementary

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



47.0615, 60.7138, 9.2385



12.7056, 5.1185, 65.2878

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.



88.4812, 60.7138, 157.0982



47.0615, 60.7138, 9.2385



51.1666, 60.7138, 222.5545

Square

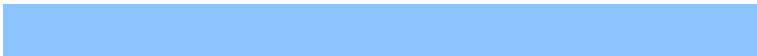
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.0615, 60.7138, 9.2385



30.3932, 60.7138, 104.3337



69.8470, 60.7138, 214.7655



97.8402, 60.7138, 38.5854

Rectangle

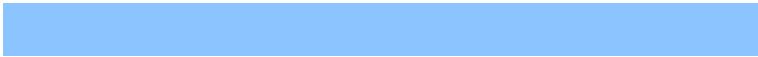
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.0615, 60.7138, 9.2385



30.7080, 60.7138, 36.0018



69.8470, 60.7138, 214.7655



97.1579, 60.7138, 109.5491

Sweetspot

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



47.0629, 60.7166, 9.2398



82.4016, 94.6305, 56.3057



28.5374, 15.0332, 1.3984



17.3354, 20.1249, 10.8739



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.



47.0629, 60.7166, 9.2398



68.4569, 88.3759, 13.4502



28.7756, 51.2891, 8.3839



13.3482, 14.4557, 13.2474



27.9054, 35.9621, 5.4706



1.7184, 2.1873, 0.3316

Inverse Universe

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



12.7056, 5.1185, 65.2878



18.4460, 7.4242, 95.0685



21.0020, 9.3954, 65.6760



11.8535, 12.0659, 15.6417



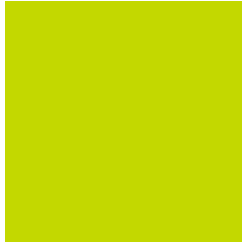
7.5608, 3.0502, 38.6434



0.4953, 0.2042, 2.3326

Previews

White Background



This preview shows how the XYZ color 47.0615, 60.7138, 9.2385 looks on a white background.

Color Contrast Check

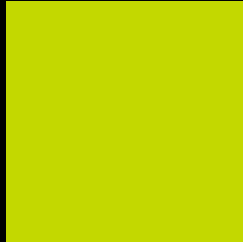
Large Text (above 18pt) WCAG AA × Fail

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 47.0615, 60.7138, 9.2385 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 47.0615, 60.7138, 9.2385

Background



This preview shows how black text looks on a background with the XYZ color 47.0615, 60.7138, 9.2385.



This preview shows how white text looks on a background with the XYZ color 47.0615, 60.7138,

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

47.0615, 60.7138, 9.2385

Protanopia

54.4644, 60.4856, 8.8043

Deuteranopia

61.4290, 60.2025, 13.0852



Tritanopia

60.2750, 60.6319, 74.1719

Trichromacy



Original Color

47.0615, 60.7138, 9.2385

Protanomaly

51.4157, 60.3526, 8.9393

Deuteranomaly

55.1078, 59.7179, 10.6297

Tritanomaly

51.8356, 58.9567, 32.6925

Monochromacy



Original Color

47.0615, 60.7138, 9.2385

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

43.9962, 51.6067, 24.7818

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0615, 60.7138, 9.2385 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(195, 216, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 216, 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(195, 216, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 216, 0) }
```

Border

The CSS property to change the border of an element to XYZ 47.0615, 60.7138, 9.2385 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(195, 216, 0) }
```


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

```
.border{ border-color:rgb(195, 216, 0) }
```

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

Here you see how a box with a 4 pixel rgb(195, 216, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 216, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 216, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 216,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0615, 60.7138, 9.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 216, 0) }
```

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

```
.background{ background-color: rgb(195,  
216, 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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