

Converting Colors

YUV(47.0880, 57.1446, 11.3238)

Have a look what the booklet for
YUV(47.0880, 57.1446, 11.3238)
contains.

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Color

**YUV(47.0880, 57.1446,
11.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	3C12A3
RGB	60, 18, 163
RGB Percent	24%, 7%, 64%
CMY	0.7647, 0.9294, 0.3608
CMYK	0.63, 0.89, 0.00, 0.36
HSL	257°, 80%, 35%
HSV	257°, 89%, 64%
XYZ	8.6906, 4.0376, 34.9716
YIQ	47.0880, -21.5130, 53.9990

Conversions

Conversions Part 2

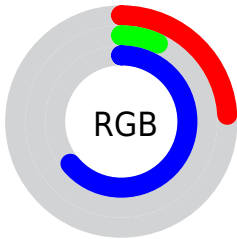
Format	Color
R_{YB}	60, 18, 163
Decimal	3936931
CIE _{Lab}	23.80, 53.72, -68.35
CIE _{LCh}	24, 86.939, 308.166
Yxy	4.0376, 0.1822, 0.0846
Android (android.graphics.Color)	4282127011 (0xFF3C12A3)
YUV	47.0880, 57.1446, 11.3238
Hunter-Lab	20.0938, 42.0377, -89.1236




Details

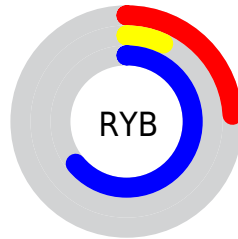
The YUV color **47.0880, 57.1446, 11.3238** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **133.9120, -57.1446, -11.3238**, and the grayscale version is **47.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **102.8220, 57.2758, 15.9421**, and **12.5400, 48.0478, -10.9976** is the 20% darker color. If you saturate the color by 10%, you get **34.1080, 63.5438, 12.1833**, and if you desaturate by 10%, it is **60.0680, 50.7455, 10.4644**.

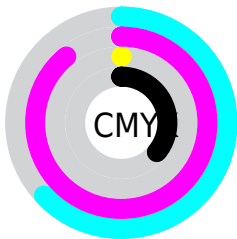
Distribution







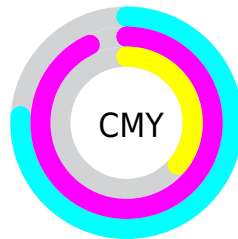
-  Red (24%)
-  Green (7%)
-  Blue (64%)






-  Red (24%)
-  Yellow (7%)
-  Blue (64%)



-  Cyan (63%)
-  Magenta (89%)
-  Yellow (0%)
-  Black (36%)



-  Cyan (76%)
-  Magenta (93%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0880, 57.1446, 11.3238 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 YUV color 47.0880, 57.1446, 11.3238 by changing the saturation by 10% instead.

■ 47.0880, 57.1446,
11.3238

■ 47.0880, 57.1446,
11.3238

■ 255.0000, 0.0000,
0.0000

■ 21.1850, 56.6038,
-1.9162

■ 102.8220, 57.2758,
15.9421

■ 12.5400, 48.0478,
-10.9976

■ 129.7730, 58.2859,
18.6161

■ 9.5760, 36.6910,
-8.3982

■ 155.0910, 49.2551,
21.8452

■ 10.3620, 24.4715,
-9.0875

■ 179.3230, 37.3088,
26.9037

■ 5.3920, 15.5827,
-4.7288

■ 204.7290, 24.7836,
30.9327

■ 2.1830, 5.8258,
-1.9145


■ 225.6500, 14.4696,


■ 0.0000, 0.0000,


25.7400


0.0000


 242.0860, 6.3666,
11.3256


 47.0880, 57.1446,
11.3238


 47.0880, 57.1446,
11.3238


 34.1080, 63.5438,
12.1833

 60.0680, 50.7455,
10.4644

 32.6350, 64.2699,
12.5981

 73.3360, 44.2044,
8.4753

 86.3160, 37.8052,
7.6159

 98.9970, 31.5535,
6.1416

 111.9770, 25.1543,
5.2822

■ 125.2450, 18.6132,
3.2931

■ 138.2250, 12.2141,
2.4337

■ 151.2050, 5.8149,
1.5742

■ 164.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



59.4560, 65.3442, -52.1429



47.0880, 57.1446, 11.3238



54.0580, 26.1004, 75.3711

Triad

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



47.0880, 57.1446, 11.3238



49.6030, -24.4543, 50.3372



53.6350, 10.0399, -47.0379

Complementary

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



47.0880, 57.1446, 11.3238



133.9120, -57.1446, -11.3238

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.



44.0250, -21.7043, -38.6099



47.0880, 57.1446, 11.3238



51.9530, -25.6128, 1.7952

Square

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



47.0880, 57.1446, 11.3238



43.0560, -21.2266, 88.5279



41.6770, -20.5468, -36.5507



62.1050, 37.4162, -54.4661

Rectangle

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



47.0880, 57.1446, 11.3238



54.2390, 4.8122, 90.1214



41.6770, -20.5468, -36.5507



51.0130, -0.0064, -44.7384

Sweetspot

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



47.0880, 57.1446, 11.3238



166.2820, 22.5390, 4.1377



95.5780, 33.2390, -68.0359



79.8660, 13.3771, 2.7485



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.0880, 57.1446, 11.3238



42.4070, 83.6093, 16.3061



68.6160, 46.5313, 55.5878



74.9230, 3.4890, 0.9445



29.0880, 57.1446, 11.3238



3.5470, 7.1253, 1.2743

Inverse Universe

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



73.0970, 23.6162, 78.8449



80.4880, 34.2694, 115.3360



112.3840, -46.5313, -55.5878



76.3750, 1.2941, 4.9331



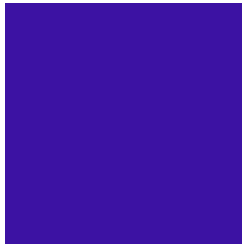
55.0970, 23.6162, 78.8449



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 47.0880, 57.1446, 11.3238 looks on a white background.

Color Contrast Check

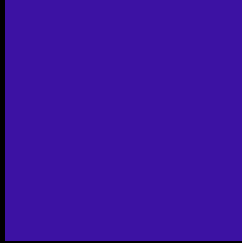
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 47.0880, 57.1446, 11.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

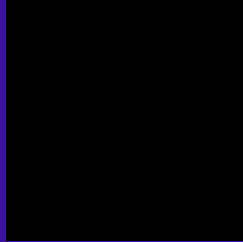
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 47.0880, 57.1446, 11.3238

Background



This preview shows how black text looks on a background with the YUV color 47.0880, 57.1446, 11.3238.



This preview shows how white text looks on a background with the YUV color 47.0880, 57.1446,

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

47.0880, 57.1446, 11.3238

Protanopia

46.2100, 34.8995, -40.5262

Deuteranopia

46.6200, 26.3163, -40.8857



Tritanopia

45.4340, 11.6180, -39.8456

Trichromacy



Original Color

47.0880, 57.1446, 11.3238

Protanomaly

46.5080, 43.1336, -21.4935

Deuteranomaly

47.0150, 37.4606, -21.9382

Tritanomaly

45.9090, 28.1459, -20.9682

Monochromacy



Original Color

47.0880, 57.1446, 11.3238

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.8260, 20.7918, 4.5376

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0880, 57.1446, 11.3238 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(60, 18, 163)` looks like.

```
.text, #text, p{  
    color:rgb(60, 18, 163)  
}
```

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(60, 18, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 18, 163) }
```

Border

The CSS property to change the border of an element to YUV 47.0880, 57.1446, 11.3238 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(60, 18, 163) }
```


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

```
.border{ border-color:rgb(60, 18, 163) }
```

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

Here you see how a box with a 4 pixel rgb(60, 18, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 18, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 18, 163);  
box-shadow:4px 4px 4px 4px rgb(60, 18,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 47.0880, 57.1446, 11.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 18, 163) }
```

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

```
.background{ background-color: rgb(60, 18,  
163) }
```

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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