

Converting Colors

YUV(114.8000, -46.7364,
57.1804)

Have a look what the booklet for
YUV(114.8000, -46.7364, 57.1804)
contains.

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Color

**YUV(114.8000, -46.7364,
57.1804)**

Conversions

Conversions Part 1

Format	Color
Hex	B46414
RGB	180, 100, 20
RGB Percent	71%, 39%, 8%
CMY	0.2941, 0.6078, 0.9216
CMYK	0.00, 0.44, 0.89, 0.29
HSL	30°, 80%, 39%
HSV	30°, 89%, 71%
XYZ	23.5058, 18.8681, 3.0648
YIQ	114.8000, 73.3600, -7.9200

Conversions

Conversions Part 2

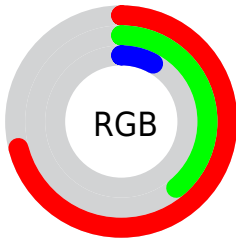
Format	Color
RYB	180, 180, 20
Decimal	11822100
CIELab	50.53, 27.07, 53.87
CIElCh	51, 60.290, 63.324
Yxy	18.8681, 0.5173, 0.4152
Android (android.graphics.Color)	4290012180 (0xFFB46414)
YUV	114.8000, -46.7364, 57.1804
Hunter-Lab	43.4375, 20.5782, 26.2229

Details

The YUV color **114.8000, -46.7364, 57.1804** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **85.2000, 46.7364, -57.1804**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6050, -47.6263, 62.6134**, and **66.7030, -32.8846, 47.6185** is the 20% darker color. If you saturate the color by 10%, you get **107.4650, -51.9942, 63.6132**, and if you desaturate by 10%, it is **122.1350, -41.4786, 50.7476**.

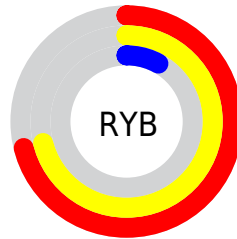
Distribution



Red (71%)

Green (39%)

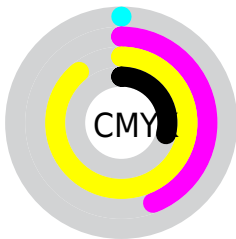
Blue (8%)



Red (71%)

Yellow (71%)

Blue (8%)

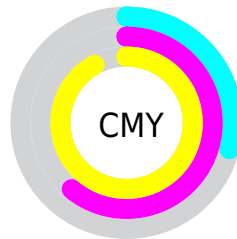


Cyan (0%)

Magenta (44%)

Yellow (89%)

Black (29%)



Cyan (29%)

Magenta (61%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.8000, -46.7364, 57.1804 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 114.8000, -46.7364, 57.1804 by changing the saturation by 10% instead.


 114.8000,
-46.7364, 57.1804


 114.8000,
-46.7364, 57.1804


255.0000, 0.0000,
0.0000


 89.4620, -44.1048,
53.0918


 169.6050,
-47.6263, 62.6134


 66.7030, -32.8846,
47.6185


 192.0170,
-45.8574, 55.2361

 44.5310, -21.9538,
41.6303

 211.4170,
-42.6036, 38.2223

 22.0710, -10.8810,
36.7717

 231.5180,
-39.2024, 20.5937

 12.3730, -5.6069,
25.1059

 246.3360,
-33.1966, 7.5983

 0.0000, 0.0000,
0.0000

 249.5280,

-20.9663, 4.7989

252.8340, -8.2992,
1.8996

114.8000,
-46.7364, 57.1804

114.8000,
-46.7364, 57.1804

107.4650,
-51.9942, 63.6132

122.1350,
-41.4786, 50.7476

106.6500,
-52.5785, 64.3280

129.4700,
-36.2207, 44.3148

136.8050,
-30.9629, 37.8820

144.1400,
-25.7050, 31.4492

151.4750,
-20.4472, 25.0164

■ 158.8100,
-15.1893, 18.5836

■ 166.1450, -9.9315,
12.1508

■ 173.4800, -4.6736,
5.7180

■ 180.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



114.4310, -23.3835, 80.3060



114.8000, -46.7364, 57.1804



112.0010, -55.2165, 23.6781

Triad

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



114.8000, -46.7364, 57.1804



98.7780, 12.9274, -86.6283



122.6190, 41.5998, 3.8421

Complementary

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



114.8000, -46.7364, 57.1804



85.2000, 46.7364, -57.1804

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.



98.7970, 61.2321, -86.6450



114.8000, -46.7364, 57.1804



104.0050, 35.4935, -91.2124

Square

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



114.8000, -46.7364, 57.1804



90.8610, -9.7915, -79.6851



104.5870, 52.9546, -91.7228



121.0250, 22.6657, 56.9831

Rectangle

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



114.8000, -46.7364, 57.1804



107.4170, -52.9566, -1.2427



104.5870, 52.9546, -91.7228



118.6590, 47.4961, -20.7489

Sweetspot

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



114.8000, -46.7364, 57.1804



208.9200, -18.6946, 22.8722



76.9600, 11.3587, 90.3661



102.2160, -10.9525, 12.9656



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



114.8000, -46.7364, 57.1804



138.9440, -68.4994, 84.2411



161.7600, -69.8877, 15.9965



85.6260, -2.7736, 2.9590



90.9460, -44.8364, 54.4214



15.4050, -7.5947, 9.2918

Inverse Universe

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



85.2000, 46.7364, -57.1804



95.4690, 68.7888, -83.7263



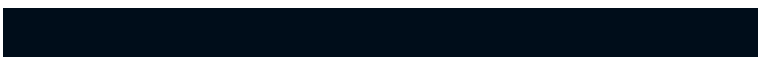
38.2400, 69.8877, -15.9965



83.9610, 2.4842, -3.4738



62.6410, 44.5470, -54.9362



10.5950, 7.5947, -9.2918

Previews

White Background



This preview shows how the YUV color 114.8000, -46.7364, 57.1804 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 114.8000, -46.7364, 57.1804 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 × Fail

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

YUV 114.8000, -46.7364, 57.1804 Background



This preview shows how black text looks on a background with the YUV color 114.8000, -46.7364, 57.1804.



This preview shows how white text looks on a background with the YUV color 114.8000, -46.7364, 57.1804.

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

114.8000, -46.7364, 57.1804

Protanopia

114.6550, -43.7069, 18.7196

Deuteranopia

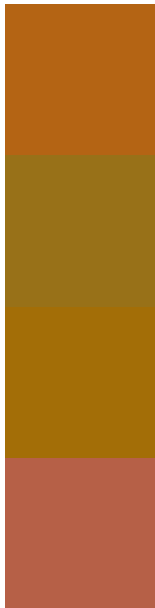
113.2520, -55.8332, 34.8590



Tritanopia

120.7080, -10.2090, 54.6301

Trichromacy



Original Color

114.8000, -46.7364, 57.1804

Protanomaly

114.5150, -44.6239, 32.8743

Deuteranomaly

114.1050, -52.8028, 42.8809

Tritanomaly

118.8640, -23.5970, 55.3703

Monochromacy



Original Color

114.8000, -46.7364, 57.1804

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.2510, -17.3787, 20.8279

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8000, -46.7364, 57.1804 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(180, 100, 20)` looks like.

```
.text, #text, p{  
    color:rgb(180, 100, 20)  
}
```

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(180, 100, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 100, 20) }
```

Border

The CSS property to change the border of an element to YUV 114.8000, -46.7364, 57.1804 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(180, 100, 20) }
```


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

```
.border{ border-color:rgb(180, 100, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 100, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 100, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 100, 20);  
box-shadow:4px 4px 4px 4px rgb(180, 100,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 114.8000, -46.7364, 57.1804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 100, 20) }
```

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

```
.background{ background-color: rgb(180,  
100, 20) }
```

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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