

Converting Colors

YUV(117.6040, -46.1468,
54.7213)

Have a look what the booklet for
YUV(117.6040, -46.1468, 54.7213)
contains.

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Color

**YUV(117.6040, -46.1468,
54.7213)**

Conversions

Conversions Part 1

Format	Color
Hex	B46818
RGB	180, 104, 24
RGB Percent	71%, 41%, 9%
CMY	0.2941, 0.5922, 0.9059
CMYK	0.00, 0.42, 0.87, 0.29
HSL	31°, 76%, 40%
HSV	31°, 87%, 71%
XYZ	23.9376, 19.6699, 3.3992
YIQ	117.6040, 70.9760, -8.7680

Conversions

Conversions Part 2

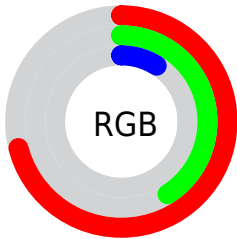
Format	Color
RYB	172, 180, 24
Decimal	11823128
CIELab	51.46, 24.97, 53.34
CIElCh	51, 58.895, 64.913
Yxy	19.6699, 0.5092, 0.4184
Android (android.graphics.Color)	4290013208 (0xFFB46818)
YUV	117.6040, -46.1468, 54.7213
Hunter-Lab	44.3507, 18.7286, 26.5014

Details

The YUV color **117.6040, -46.1468, 54.7213** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **86.3960, 46.1468, -54.7213**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2950, -47.4734, 60.2543**, and **69.0510, -34.0421, 45.5593** is the 20% darker color. If you saturate the color by 10%, you get **110.2690, -51.4046, 61.1541**, and if you desaturate by 10%, it is **124.9390, -40.8889, 48.2885**.

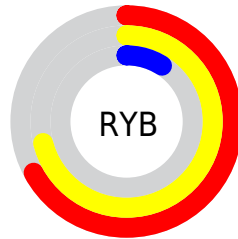
Distribution



Red (71%)

Green (41%)

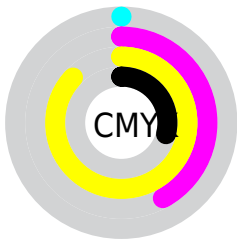
Blue (9%)



Red (67%)

Yellow (71%)

Blue (9%)

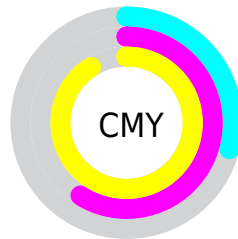


Cyan (0%)

Magenta (42%)

Yellow (87%)

Black (29%)



Cyan (29%)

Magenta (59%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.6040, -46.1468, 54.7213 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 117.6040, -46.1468, 54.7213 by changing the saturation by 10% instead.

■ 117.6040,
-46.1468, 54.7213

■ 117.6040,
-46.1468, 54.7213

■ 255.0000, 0.0000,
0.0000

■ 91.8100, -45.2623,
51.0326

■ 172.2950,
-47.4734, 60.2543

■ 69.0510, -34.0421,
45.5593

■ 195.2940,
-45.9939, 52.3622

■ 46.8790, -23.1113,
39.5711

■ 214.1070,
-42.4508, 35.8632

■ 25.8920, -12.7648,
34.2977

■ 234.2080,
-39.0495, 18.2346

■ 12.2590, -6.0437,
25.2059

■ 246.7920,
-31.4495, 7.1984

■ 0.0000, 0.0000,
0.0000

■ 249.9840,

-19.2191, 4.3990

253.2900, -6.5520,
1.4997

117.6040,
-46.1468, 54.7213

117.6040,
-46.1468, 54.7213

110.2690,
-51.4046, 61.1541

124.9390,
-40.8889, 48.2885

107.8240,
-53.1572, 63.2984

132.2740,
-35.6311, 41.8557

139.0220,
-30.0838, 35.9377

146.3570,
-24.8260, 29.5049

153.6920,
-19.5682, 23.0721

■ 161.0270,
-14.3103, 16.6393

■ 167.7750, -8.7631,
10.7213

■ 175.1100, -3.5052,
4.2885

■ 182.4450, 1.7526,
-2.1443

Harmonies

Analogous

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



117.4800, -24.3936, 77.6320



117.6040, -46.1468, 54.7213



113.7620, -56.0847, 22.1337

Triad

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



117.6040, -46.1468, 54.7213



100.5220, 14.5327, -88.1578



125.1850, 39.8418, 7.7308

Complementary

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



117.6040, -46.1468, 54.7213



86.3960, 46.1468, -54.7213

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.



99.4980, 61.3795, -87.2597



117.6040, -46.1468, 54.7213



105.5210, 36.2251, -92.5419

Square

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



117.6040, -46.1468, 54.7213



92.7190, -7.7495, -81.3146



105.9890, 53.2494, -92.9524



123.5690, 20.9185, 57.3830

Rectangle

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



117.6040, -46.1468, 54.7213



110.5460, -48.5832, -3.9868



105.9890, 53.2494, -92.9524



122.2360, 45.7327, -15.1160

Sweetspot

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



117.6040, -46.1468, 54.7213



210.4360, -17.9629, 21.5426



79.5360, 11.0748, 88.1069



102.9170, -10.8051, 12.3508



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.



117.6040, -46.1468, 54.7213



140.7050, -69.3676, 82.6967



162.2160, -68.1405, 15.5966



85.6260, -2.7736, 2.9590



91.5330, -45.1258, 53.9066



15.4050, -7.5947, 9.2918

Inverse Universe

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



86.3960, 46.1468, -54.7213



93.7080, 69.6570, -82.1819



41.7840, 68.1405, -15.5966



83.9610, 2.4842, -3.4738



61.4670, 45.1258, -53.9066



10.0080, 7.8841, -8.7770

Previews

White Background



This preview shows how the YUV color 117.6040, -46.1468, 54.7213 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 117.6040, -46.1468, 54.7213 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 117.6040, -46.1468, 54.7213

Background



This preview shows how black text looks on a background with the YUV color 117.6040, -46.1468, 54.7213.



This preview shows how white text looks on a background with the YUV color 117.6040, -46.1468,

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

117.6040, -46.1468, 54.7213

Protanopia

116.7690, -43.2701, 18.6196

Deuteranopia

117.0330, -50.3023, 34.1741



Tritanopia

123.8110, -9.7668, 52.7858

Trichromacy



Original Color

117.6040, -46.1468, 54.7213

Protanomaly

116.9170, -44.3291, 31.6448

Deuteranomaly

117.1310, -48.8716, 41.9811

Tritanomaly

121.9670, -23.1547, 53.5259

Monochromacy



Original Color

117.6040, -46.1468, 54.7213

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0660, -16.7945, 20.1131

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6040, -46.1468, 54.7213 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, 104, 24)` looks like.

```
.text, #text, p{  
    color:rgb(180, 104, 24)  
}
```

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, 104, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 104, 24) }
```

Border

The CSS property to change the border of an element to YUV 117.6040, -46.1468, 54.7213 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, 104, 24) }
```


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

```
.border{ border-color:rgb(180, 104, 24) }
```

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

Here you see how a box with a 4 pixel rgb(180, 104, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 104, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 104, 24);  
box-shadow:4px 4px 4px 4px rgb(180, 104,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 117.6040, -46.1468, 54.7213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 104, 24) }
```

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

```
.background{ background-color: rgb(180,  
104, 24) }
```

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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