

# Converting Colors

YUV(57.4100, -17.9501,  
111.0194)

Have a look what the booklet for  
YUV(57.4100, -17.9501, 111.0194)  
contains.

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# Color

**YUV(57.4100, -17.9501,  
111.0194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B80015
RGB	184, 0, 21
RGB Percent	72%, 0%, 8%
CMY	0.2784, 1.0000, 0.9176
CMYK	0.00, 1.00, 0.89, 0.28
HSL	353°, 100%, 36%
HSV	353°, 100%, 72%
XYZ	19.9025, 10.2445, 1.6379
YIQ	57.4100, 102.9230, 45.5390

# Conversions

## Conversions Part 2

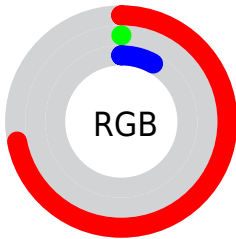
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 0, 21
Decimal	12058645
CIE Lab	38.28, 62.96, 44.21
CIE LCh	38, 76.929, 35.079
Yxy	10.2445, 0.6262, 0.3223
Android (android.graphics.Color)	4290248725 (0xFFB80015)
YUV	57.4100, -17.9501, 111.0194
Hunter-Lab	32.0070, 54.9821, 19.3709

# Details

The YUV color **57.4100, -17.9501, 111.0194** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **126.5900, 17.9501, -111.0194**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2230, -31.1689, 104.1674**, and **36.1790, -17.8362, 74.3880** is the 20% darker color. If you saturate the color by 10%, you get **57.4100, -17.9501, 111.0194**, and if you desaturate by 10%, it is **69.8000, -16.1704, 100.1534**.

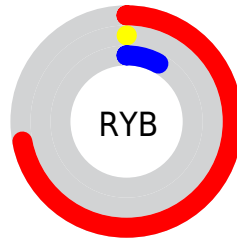
# Distribution



Red (72%)

Green (0%)

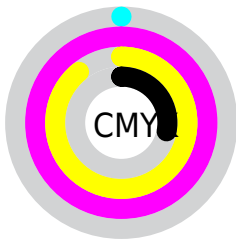
Blue (8%)



Red (72%)

Yellow (0%)

Blue (8%)

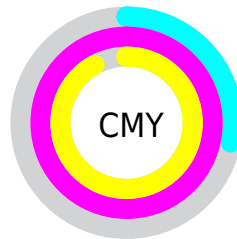


Cyan (0%)

Magenta (100%)

Yellow (89%)

Black (28%)



Cyan (28%)

Magenta (100%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 57.4100, -17.9501, 111.0194 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 57.4100, -17.9501, 111.0194 by changing the saturation by 10% instead.



■ 57.4100, -17.9501,  
111.0194

■ 57.4100, -17.9501,  
111.0194

254.6580, -1.3104,  
0.2999

■ 45.4480, -22.4059,  
93.4461

■ 129.2230,  
-31.1689, 104.1674

■ 36.1790, -17.8362,  
74.3880

■ 151.0750,  
-30.1100, 91.1422

■ 26.9100, -13.2666,  
55.3299

■ 170.3610,  
-27.2930, 74.2284

■ 18.8800, -7.8288,  
37.8162

■ 190.3480,  
-24.3286, 56.6998


■ 7.5890, -3.2484,  
15.2694


■ 210.4490,  
-20.9274, 39.0712


■ 0.0000, 0.0000,  
0.0000


■ 230.5500,


-17.5261, 21.4427

 251.3520,  
-13.9775, 3.1993


 57.4100, -17.9501,  
111.0194

 69.8000, -16.1704,  
100.1534

 82.8910, -14.2433,  
88.6726

 95.2810, -12.4635,  
77.8066

 108.2580,  
-10.9732, 66.4257

 120.6480, -9.1935,  
55.5597

■ 133.1520, -6.9769,  
44.5937

■ 146.1290, -5.4866,  
33.2129

■ 158.5190, -3.7069,  
22.3468

■ 171.6100, -1.7797,  
10.8660

# Harmonies

## Analogous

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



67.4680, 7.6573, 110.9686



57.4100, -17.9501, 111.0194



83.3040, -41.0689, 59.3694

# Triad

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



57.4100, -17.9501, 111.0194



69.2780, -18.8711, -60.7568



81.0900, 67.0036, -71.1159

# Complementary

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



57.4100, -17.9501, 111.0194



126.5900, 17.9501, -111.0194

# 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.



87.9400, 57.7106, -77.1234



57.4100, -17.9501, 111.0194



78.3180, 10.6892, -68.6849

# Square

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



57.4100, -17.9501, 111.0194



69.1100, -34.0712, -38.6845



85.8590, 37.0445, -75.2983



88.9640, 51.7827, 4.4166



# Rectangle

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



57.4100, -17.9501, 111.0194



84.8890, -41.8503, 29.9153



85.8590, 37.0445, -75.2983



84.6120, 65.2673, -74.2047

# Sweetspot

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



57.4100, -17.9501, 111.0194



190.4400, -7.1189, 43.4641



69.7130, 56.3435, 81.8127



90.4270, -4.1545, 25.9355



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



57.4100, -17.9501, 111.0194



74.8380, -23.5841, 144.8471



96.6930, -47.6696, 76.5682



85.8050, -0.8899, 5.4330



48.6960, -15.1331, 94.1056



8.7140, -2.8170, 16.9138



# Inverse Universe

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



57.4100, -17.9501, 111.0194



74.8380, -23.5841, 144.8471



87.3070, 47.6696, -76.5682



85.8050, -0.8899, 5.4330



48.6960, -15.1331, 94.1056



8.7140, -2.8170, 16.9138



# Previews

## White Background



This preview shows how the YUV color 57.4100, -17.9501, 111.0194 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 × Fail



# Black Background



This preview shows how the YUV color 57.4100, -17.9501, 111.0194 looks on a black 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

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

# YUV 57.4100, -17.9501, 111.0194 Background



This preview shows how black text looks on a background with the YUV color 57.4100, -17.9501, 111.0194.



This preview shows how white text looks on a background with the YUV color 57.4100, -17.9501,



# 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

57.4100, -17.9501, 111.0194

### Protanopia

89.9050, -26.0822, 12.3613

### Deuteranopia

86.6390, -42.7130, 26.6266



## Tritanopia

64.6960, -31.8951, 103.7526

# Trichromacy



## Original Color

57.4100, -17.9501, 111.0194

## Protanomaly

77.9340, -23.1385, 48.2929

## Deuteranomaly

75.9430, -33.4959, 57.0550

## Tritanomaly

62.0860, -26.6644, 106.0416

# Monochromacy



## Original Color

57.4100, -17.9501, 111.0194

## Achromatopsia

57.0000, 0.0000, 0.0000

## Achromatomaly

56.9450, -6.3819, 40.3902

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 57.4100, -17.9501, 111.0194 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(184, 0, 21)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 21)  
}
```

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(184, 0, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 21) }
```

## Border

The CSS property to change the border of an element to YUV 57.4100, -17.9501, 111.0194 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(184, 0, 21) }
```



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

```
.border{ border-color:rgb(184, 0, 21) }
```

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

Here you see how a box with a 4 pixel rgb(184, 0, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 21);  
box-shadow:4px 4px 4px 4px rgb(184, 0, 21)  
}
```

# Background

The CSS property to change the background color of an element to YUV 57.4100, -17.9501, 111.0194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 21) }
```

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

```
.background{ background-color: rgb(184, 0,  
21) }
```

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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