

# Converting Colors

YUV(60.7180, 27.7470,  
-33.0787)

Have a look what the booklet for  
YUV(60.7180, 27.7470, -33.0787)  
contains.

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# Color

**YUV(60.7180, 27.7470,  
-33.0787)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	174575
RGB	23, 69, 117
RGB Percent	9%, 27%, 46%
CMY	0.9098, 0.7294, 0.5412
CMYK	0.80, 0.41, 0.00, 0.54
HSL	211°, 67%, 27%
HSV	211°, 80%, 46%
XYZ	5.6924, 5.7228, 17.6342
YIQ	60.7180, -42.8240, 5.1760

# Conversions

## Conversions Part 2

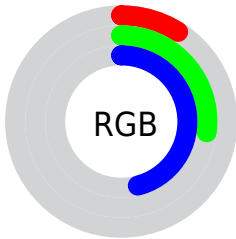
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 54, 117
Decimal	1525109
CIE <sub>Lab</sub>	28.70, 2.94, -31.94
CIE <sub>LCh</sub>	29, 32.080, 275.263
Yxy	5.7228, 0.1960, 0.1970
Android (android.graphics.Color)	4279715189 (0xFF174575)
YUV	60.7180, 27.7470, -33.0787
Hunter-Lab	23.9223, 0.6105, -26.9598

# Details

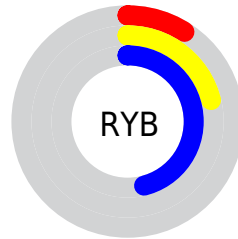
The YUV color **60.7180, 27.7470, -33.0787** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **79.2820, -27.7470, 33.0787**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.4630, 27.8727, -26.7161**, and **23.6010, 21.8887, -20.6981** is the 20% darker color. If you saturate the color by 10%, you get **53.6080, 31.2523, -37.3672**, and if you desaturate by 10%, it is **67.8280, 24.2418, -28.7902**.

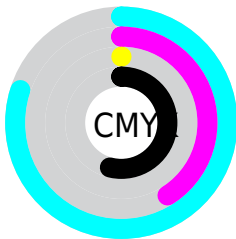
# Distribution



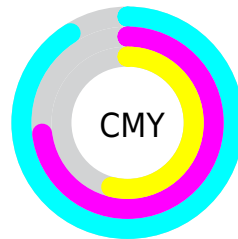
- Red (9%)
- Green (27%)
- Blue (46%)



- Red (9%)
- Yellow (21%)
- Blue (46%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)
- Black (54%)



- Cyan (91%)
- Magenta (73%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 60.7180, 27.7470, -33.0787 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 60.7180, 27.7470, -33.0787 by changing the saturation by 10% instead.



■ 60.7180, 27.7470,  
-33.0787

■ 60.7180, 27.7470,  
-33.0787

■ 255.0000, 0.0000,  
0.0000

■ 38.0770, 26.5840,  
-33.3935

■ 112.4630, 27.8727,  
-26.7161

■ 23.6010, 21.8887,  
-20.6981

■ 138.4030, 28.8883,  
-25.7864

■ 7.0050, 19.2245,  
-6.1434

■ 165.5170, 29.3251,  
-25.8864

■ 3.3230, 10.1938,  
-2.9143

■ 193.0440, 30.0513,  
-25.4716

■ 0.0000, 0.0000,  
0.0000

■ 217.9660, 18.2578,  
-22.7722

■ 243.0730, 5.8800,

-19.3580

253.5050, 0.7370,  
-3.0739

60.7180, 27.7470,  
-33.0787

60.7180, 27.7470,  
-33.0787

53.6080, 31.2523,  
-37.3672

67.8280, 24.2418,  
-28.7902

46.7970, 34.6101,  
-41.0410

74.6390, 20.8840,  
-25.1164

81.7490, 17.3787,  
-20.8279

88.8590, 13.8735,  
-16.5393

95.9690, 10.3683,  
-12.2508

■ 102.7800, 7.0105,  
-8.5771

■ 109.8900, 3.5052,  
-4.2885

■ 117.0000, 0.0000,  
0.0000

■ 123.8110, -3.3578,  
3.6738

# Harmonies

## Analogous

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



57.3800, 26.9277, -50.3223



60.7180, 27.7470, -33.0787



69.3700, 19.0446, 4.9375

# Triad

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



60.7180, 27.7470, -33.0787



66.2130, -12.9230, 38.4012



53.4220, -3.6590, -39.8351

# Complementary

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



60.7180, 27.7470, -33.0787



79.2820, -27.7470, 33.0787

# 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.



61.5370, -18.0127, -9.2409



60.7180, 27.7470, -33.0787



66.1440, -21.7630, 27.0607

# Square

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



60.7180, 27.7470, -33.0787



67.4980, -1.7245, 39.9053



64.5350, -24.9138, 10.9318



55.0540, 7.8614, -48.2824



# Rectangle

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



60.7180, 27.7470, -33.0787



69.5740, 13.0280, 21.4216



64.5350, -24.9138, 10.9318



57.9030, -9.8122, -26.2249

# Sweetspot

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



60.7180, 27.7470, -33.0787



130.7840, 10.9525, -12.9656



83.5360, -6.6732, -53.0901



63.0790, 6.8631, -7.9623



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



60.7180, 27.7470, -33.0787



65.0220, 43.3732, -51.7623



33.7160, 41.0590, -9.3979



55.4450, 1.7526, -2.1443



49.1280, 35.9259, -43.0853



100.1140, 73.8938, -87.8000



# Inverse Universe

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



56.3500, 6.2365, 53.1901



58.1610, 9.7806, 83.1738



106.2840, -41.0590, 9.3979



55.1360, 0.4260, 3.3887



43.3180, 8.2242, 69.0041



88.6580, 16.4376, 141.4969



# Previews

## White Background



This preview shows how the YUV color 60.7180, 27.7470, -33.0787 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 60.7180, 27.7470, -33.0787 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 60.7180, 27.7470, -33.0787

## Background



This preview shows how black text looks on a background with the YUV color 60.7180, 27.7470, -33.0787.



This preview shows how white text looks on a background with the YUV color 60.7180, 27.7470,



# 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

60.7180, 27.7470, -33.0787

### Protanopia

65.7910, 23.7670, -16.4797

### Deuteranopia

61.6260, 27.2994, -29.4900



## Tritanopia

53.2590, 13.6763, -46.7081

# Trichromacy



## Original Color

60.7180, 27.7470, -33.0787

## Protanomaly

63.8010, 25.2411, -22.6275

## Deuteranomaly

61.0280, 27.5942, -30.7196

## Tritanomaly

55.9590, 18.7542, -42.0600

# Monochromacy



## Original Color

60.7180, 27.7470, -33.0787

## Achromatopsia

61.0000, 0.0000, 0.0000

## Achromatomaly

60.8550, 9.9315, -12.1508

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 60.7180, 27.7470, -33.0787 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(23, 69, 117)` looks like.

```
.text, #text, p{  
    color:rgb(23, 69, 117)  
}
```

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(23, 69, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 69, 117) }
```

## Border

The CSS property to change the border of an element to YUV 60.7180, 27.7470, -33.0787 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(23, 69, 117) }
```



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

```
.border{ border-color:rgb(23, 69, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 69, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 69, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 69, 117);  
box-shadow:4px 4px 4px 4px rgb(23, 69,  
117) }
```

# Background

The CSS property to change the background color of an element to YUV 60.7180, 27.7470, -33.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 69, 117) }
```

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

```
.background{ background-color: rgb(23, 69,  
117) }
```

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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