

Converting Colors

YUV(136.6570, 16.9311,
-17.2392)

Have a look what the booklet for
YUV(136.6570, 16.9311, -17.2392)
contains.

YUV(136.6570, 16.9311, -17.2392)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(136.6570, 16.9311,
-17.2392)**

Conversions

Conversions Part 1

Format	Color
Hex	758CAB
RGB	117, 140, 171
RGB Percent	46%, 55%, 67%
CMY	0.5412, 0.4510, 0.3294
CMYK	0.32, 0.18, 0.00, 0.33
HSL	214°, 24%, 56%
HSV	214°, 32%, 67%
XYZ	24.0649, 25.4783, 42.1775
YIQ	136.6570, -23.6590, 4.7650

Conversions

Conversions Part 2

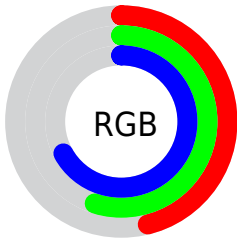
Format	Color
RYB	117, 133, 171
Decimal	7703723
CIELab	57.54, -0.66, -19.00
CIELCh	58, 19.014, 268.003
Yxy	25.4783, 0.2624, 0.2778
Android (android.graphics.Color)	4285893803 (0xFF758CAB)
YUV	136.6570, 16.9311, -17.2392
Hunter-Lab	50.4761, -3.2318, -14.2091

Details

The YUV color $136.6570, 16.9311, -17.2392$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $151.3430, -16.9311, 17.2392$, and the grayscale version is $137.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $189.8850, 17.8047, -17.4391$, and $86.4290, 16.0575, -17.0392$ is the 20% darker color. If you saturate the color by 10%, you get $125.7040, 22.3309, -22.5424$, and if you desaturate by 10%, it is $147.6100, 11.5313, -11.9360$.

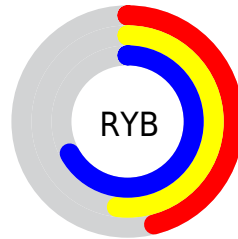
Distribution



Red (46%)

Green (55%)

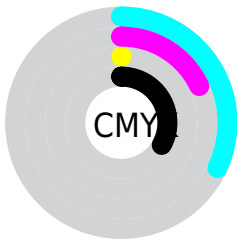
Blue (67%)



Red (46%)

Yellow (52%)

Blue (67%)

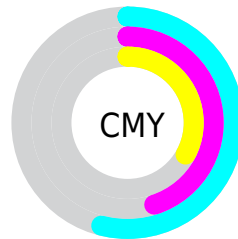


Cyan (32%)

Magenta (18%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (45%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.6570, 16.9311, -17.2392 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 136.6570, 16.9311, -17.2392 by changing the saturation by 10% instead.

■ 136.6570, 16.9311,
-17.2392

■ 136.6570, 16.9311,
-17.2392

255.0000, 0.0000,
0.0000

■ 111.1300, 16.2049,
-17.6540

■ 189.8850, 17.8047,
-17.4391

■ 86.4290, 16.0575,
-17.0392

■ 217.9990, 18.2415,
-17.5391

■ 62.6030, 15.4787,
-18.0688

■ 243.3940, 5.7218,
-15.2545

■ 39.4780, 15.0473,
-19.7132

■ 19.5600, 14.0209,
-17.1541

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,

0.0000

■ 136.6570, 16.9311,
-17.2392

■ 136.6570, 16.9311,
-17.2392

■ 125.7040, 22.3309,
-22.5424

■ 147.6100, 11.5313,
-11.9360

■ 114.7510, 27.7308,
-27.8456

■ 158.5630, 6.1314,
-6.6328

■ 104.3850, 32.8412,
-33.6636

■ 168.9290, 1.0210,
-0.8147

■ 93.4320, 38.2410,
-38.9669

■ 179.8820, -4.3788,
4.4885

■ 82.1800, 43.7883,
-44.8849

■ 190.8350, -9.7787,
9.7917

■ 71.2270, 49.1881,
-50.1881

■ 202.0870,
-15.3259, 15.7097

■ 62.3450, 53.5669,
-54.6766

■ 213.0400,
-20.7257, 21.0129

■ 223.9930,
-26.1255, 26.3161

■ 229.5750,
-28.8775, 22.2977

Harmonies

Analogous

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



133.3410, 16.1009, -30.9941



136.6570, 16.9311, -17.2392



139.5560, 13.5299, 0.3894

Triad

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



136.6570, 16.9311, -17.2392



139.9990, -8.3805, 28.0649



133.7670, -6.7871, -16.4587

Complementary

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



136.6570, 16.9311, -17.2392



151.3430, -16.9311, 17.2392

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.



135.8460, -13.2351, -1.6189



136.6570, 16.9311, -17.2392



138.8860, -13.7478, 22.9020

Square

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



136.6570, 16.9311, -17.2392



140.7520, -0.3707, 25.6505



137.8370, -16.1886, 12.4210



131.9810, 1.9814, -28.9243

Rectangle

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



136.6570, 16.9311, -17.2392



140.9980, 9.8610, 10.5258



137.8370, -16.1886, 12.4210



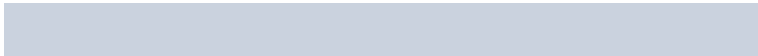
134.5180, -9.1294, -11.8553

Sweetspot

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



136.6570, 16.9311, -17.2392



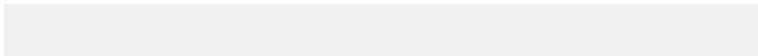
208.9760, 6.4208, -6.1180



152.2320, -2.0864, -30.8985



104.3030, 3.7946, -3.7737



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



136.6570, 16.9311, -17.2392



168.1210, 26.5623, -26.4161



124.3520, 22.9975, -2.9397



81.3740, 2.7736, -2.9590



54.6680, 46.9987, -47.9438



8.4920, 7.1524, -7.4475

Inverse Universe

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



135.7680, 2.0864, 30.8985



167.1060, 2.9057, 48.1420



163.6480, -22.9975, 2.9397



81.1470, 0.4205, 5.1331



52.1460, 5.8440, 85.8180



8.0170, 0.9776, 13.1401

Previews

White Background



This preview shows how the YUV color 136.6570, 16.9311, -17.2392 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 136.6570, 16.9311, -17.2392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

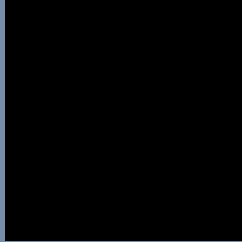
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

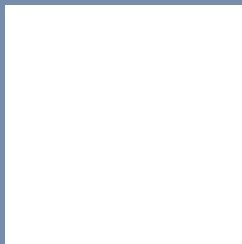
Any Text WCAG AAA × Fail

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

YUV 136.6570, 16.9311, -17.2392 Background



This preview shows how black text looks on a background with the YUV color 136.6570, 16.9311, -17.2392.



This preview shows how white text looks on a background with the YUV color 136.6570, 16.9311, -17.2392.

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

136.6570, 16.9311, -17.2392

Protanopia

138.8540, 14.8620, -6.8880

Deuteranopia

138.9190, 16.3089, -4.3140



Tritanopia

135.2840, 9.2270, -19.5431

Trichromacy



Original Color

136.6570, 16.9311, -17.2392

Protanomaly

138.0600, 15.7464, -10.5766

Deuteranomaly

138.2990, 16.6146, -9.0322

Tritanomaly

135.6800, 11.9898, -19.0134

Monochromacy



Original Color

136.6570, 16.9311, -17.2392

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8620, 5.9840, -6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6570, 16.9311, -17.2392 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(117, 140, 171)` looks like.

```
.text, #text, p{  
    color:rgb(117, 140, 171)  
}
```

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(117, 140, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 140, 171) }
```

Border

The CSS property to change the border of an element to YUV 136.6570, 16.9311, -17.2392 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(117, 140, 171) }
```


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

```
.border{ border-color:rgb(117, 140, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 140, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 140, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 140, 171);  
box-shadow:4px 4px 4px 4px rgb(117, 140,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 136.6570, 16.9311, -17.2392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 140, 171) }
```

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

```
.background{ background-color: rgb(117,  
140, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor