

Converting Colors

YUV(117.2870, 18.0995,
-18.6687)

Have a look what the booklet for
YUV(117.2870, 18.0995, -18.6687)
contains.

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Color

**YUV(117.2870, 18.0995,
-18.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	60799A
RGB	96, 121, 154
RGB Percent	38%, 47%, 60%
CMY	0.6235, 0.5255, 0.3961
CMYK	0.38, 0.21, 0.00, 0.40
HSL	214°, 23%, 49%
HSV	214°, 38%, 60%
XYZ	17.4940, 18.4946, 33.2196
YIQ	117.2870, -25.4930, 4.9630

Conversions

Conversions Part 2

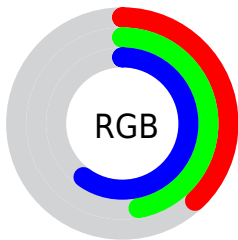
Format	Color
R_{YB}	96, 113, 154
Decimal	6322586
CIE _{Lab}	50.09, -0.46, -20.69
CIE _{LCh}	50, 20.696, 268.732
Yxy	18.4946, 0.2528, 0.2672
Android (android.graphics.Color)	4284512666 (0xFF60799A)
YUV	117.2870, 18.0995, -18.6687
Hunter-Lab	43.0054, -2.6482, -15.6950

Details

The YUV color **117.2870, 18.0995, -18.6687** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **132.7130, -18.0995, 18.6687**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.5150, 18.9731, -18.8687**, and **68.3470, 17.0839, -19.5983** is the 20% darker color. If you saturate the color by 10%, you get **107.5190, 22.9151, -23.2572**, and if you desaturate by 10%, it is **127.0550, 13.2839, -14.0802**.

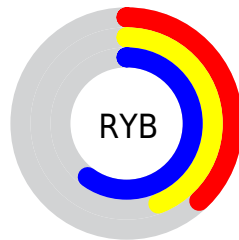
Distribution



Red (38%)

Green (47%)

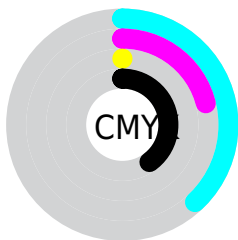
Blue (60%)



Red (38%)

Yellow (44%)

Blue (60%)

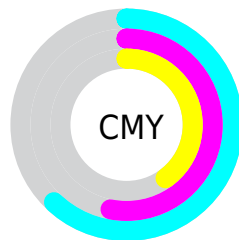


Cyan (38%)

Magenta (21%)

Yellow (0%)

Black (40%)



Cyan (62%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2870, 18.0995, -18.6687 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 117.2870, 18.0995, -18.6687 by changing the saturation by 10% instead.

■ 117.2870, 18.0995,
-18.6687

■ 117.2870, 18.0995,
-18.6687

■ 255.0000, 0.0000,
0.0000

■ 92.1730, 17.6627,
-18.5687

■ 169.5150, 18.9731,
-18.8687

■ 68.3470, 17.0839,
-19.5983

■ 197.6290, 19.4099,
-18.9686

■ 44.3360, 17.0894,
-21.3427

■ 224.1900, 15.1893,
-18.5836

■ 23.4070, 16.0683,
-20.5279

■ 248.1230, 3.3904,
-14.1399

■ 5.6370, 13.9830,
-4.9436

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 117.2870, 18.0995,
-18.6687

■ 117.2870, 18.0995,
-18.6687

■ 107.5190, 22.9151,
-23.2572

■ 127.0550, 13.2839,
-14.0802

■ 97.4520, 27.8782,
-28.4604

■ 137.1220, 8.3209,
-8.8770

■ 88.2710, 32.4044,
-33.5637

■ 146.3030, 3.7946,
-3.7737

■ 78.2040, 37.3674,
-38.7669

■ 156.3700, -1.1684,
1.4295

■ 68.4360, 42.1831,
-43.3554

■ 166.1380, -5.9840,
6.0180

■ 58.6680, 46.9987,
-47.9438

■ 175.9060,
-10.7997, 10.6064

■ 56.2980, 48.1671,
-49.3733

■ 185.3860,
-15.4733, 16.3245

■ 195.1540,
-20.2889, 20.9129

■ 205.2210,
-25.2520, 26.1162

Harmonies

Analogous

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



113.0740, 17.7115, -34.2679



117.2870, 18.0995, -18.6687



120.7840, 14.4035, 0.1894

Triad

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



117.2870, 18.0995, -18.6687



120.5970, -8.6753, 29.2944



114.0550, -6.9291, -17.5882

Complementary

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



117.2870, 18.0995, -18.6687



132.7130, -18.0995, 18.6687

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.



116.3190, -13.9613, -2.0338



117.2870, 18.0995, -18.6687



119.9570, -14.7688, 23.7167

Square

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



117.2870, 18.0995, -18.6687



121.7630, -0.3762, 27.3948



118.6090, -17.0622, 12.6209



111.6000, 3.1552, -32.0982

Rectangle

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



117.2870, 18.0995, -18.6687



121.8240, 10.4398, 11.5554



118.6090, -17.0622, 12.6209



114.8060, -9.2714, -12.9849

Sweetspot

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



117.2870, 18.0995, -18.6687



187.3780, 6.7156, -7.3475



133.8080, -2.3703, -33.1576



93.4170, 4.2314, -3.8737



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



117.2870, 18.0995, -18.6687



144.1530, 28.0256, -29.0752



103.8080, 24.7447, -3.3396



71.6730, 2.6262, -2.3442



51.1800, 43.7883, -44.8849



4.4170, 4.2314, -3.8737

Inverse Universe

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



116.1920, 2.3703, 33.1576



142.3560, 3.7685, 51.4308



146.1920, -24.7447, 3.3396



71.7340, 0.1311, 4.6183



48.7000, 5.5709, 80.0701



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 117.2870, 18.0995, -18.6687 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 117.2870, 18.0995, -18.6687 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

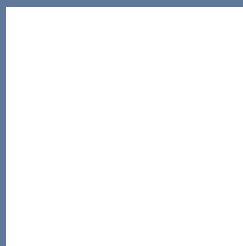
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 117.2870, 18.0995, -18.6687

Background



This preview shows how black text looks on a background with the YUV color 117.2870, 18.0995, -18.6687.



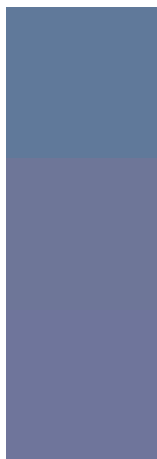
This preview shows how white text looks on a background with the YUV color 117.2870, 18.0995, -18.6687.

-18.6687.

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

117.2870, 18.0995, -18.6687

Protanopia

119.4840, 16.0304, -8.3175

Deuteranopia

119.5380, 17.4828, -7.4878



Tritanopia

115.2730, 9.2324, -21.2874

Trichromacy



Original Color

117.2870, 18.0995, -18.6687

Protanomaly

118.6900, 16.9148, -12.0061

Deuteranomaly

118.6300, 17.9304, -11.0765

Tritanomaly

116.0820, 12.2846, -20.2429

Monochromacy



Original Color

117.2870, 18.0995, -18.6687

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.6770, 6.5682, -6.7327

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2870, 18.0995, -18.6687 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(96, 121, 154)` looks like.

```
.text, #text, p{  
    color:rgb(96, 121, 154)  
}
```

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(96, 121, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 121, 154) }
```

Border

The CSS property to change the border of an element to YUV 117.2870, 18.0995, -18.6687 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(96, 121, 154) }
```


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

```
.border{ border-color:rgb(96, 121, 154) }
```

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

Here you see how a box with a 4 pixel rgb(96, 121, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 121, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 121, 154);  
box-shadow:4px 4px 4px 4px rgb(96, 121,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 117.2870, 18.0995, -18.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 121, 154) }
```

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

```
.background{ background-color: rgb(96, 121,  
154) }
```

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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