

Converting Colors

YUV(115.9820, 17.2639,
-30.6792)

Have a look what the booklet for
YUV(115.9820, 17.2639, -30.6792)
contains.

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Color

**YUV(115.9820, 17.2639,
-30.6792)**

Conversions

Conversions Part 1

Format	Color
Hex	517F97
RGB	81, 127, 151
RGB Percent	32%, 50%, 59%
CMY	0.6824, 0.5020, 0.4078
CMYK	0.46, 0.16, 0.00, 0.41
HSL	201°, 30%, 45%
HSV	201°, 46%, 59%
XYZ	16.5686, 19.1624, 32.1036
YIQ	115.9820, -35.1200, -2.2880

Conversions

Conversions Part 2

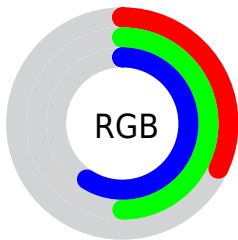
Format	Color
R_{YB}	81, 109, 151
Decimal	5341079
CIE _{Lab}	50.88, -8.95, -17.81
CIE _{LCh}	51, 19.934, 243.315
Yxy	19.1624, 0.2443, 0.2825
Android (android.graphics.Color)	4283531159 (0xFF517F97)
YUV	115.9820, 17.2639, -30.6792
Hunter-Lab	43.7749, -9.0446, -12.8396

Details

The YUV color **115.9820, 17.2639, -30.6792** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **116.0180, -17.2639, 30.6792**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0960, 17.7007, -30.7792**, and **65.2590, 17.1273, -33.5531** is the 20% darker color. If you saturate the color by 10%, you get **108.5620, 20.9219, -37.3269**, and if you desaturate by 10%, it is **123.4020, 13.6058, -24.0316**.

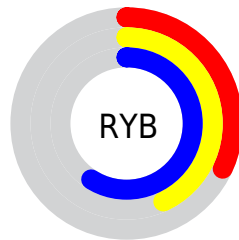
Distribution



Red (32%)

Green (50%)

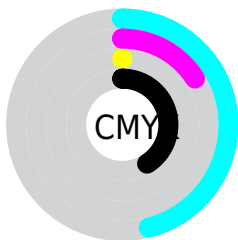
Blue (59%)



Red (32%)

Yellow (43%)

Blue (59%)

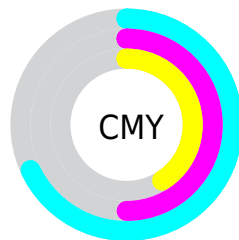


Cyan (46%)

Magenta (16%)

Yellow (0%)

Black (41%)



Cyan (68%)

Magenta (50%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9820, 17.2639, -30.6792 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 115.9820, 17.2639, -30.6792 by changing the saturation by 10% instead.

■ 115.9820, 17.2639,
-30.6792

■ 115.9820, 17.2639,
-30.6792

■ 255.0000, 0.0000,
0.0000

■ 90.5690, 16.9745,
-31.1940

■ 169.0960, 17.7007,
-30.7792

■ 65.2590, 17.1273,
-33.5531

■ 196.2100, 18.1375,
-30.8792

■ 40.9490, 17.2801,
-35.9123

■ 223.5260, 15.5167,
-30.2793

■ 26.0000, 13.3110,
-22.8020

■ 243.6380, 5.6015,
-23.3615

■ 8.3440, 11.6624,
-7.3177

■ 252.3090, 1.3267,
-5.5330

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 115.9820, 17.2639,
-30.6792

■ 115.9820, 17.2639,
-30.6792

■ 108.5620, 20.9219,
-37.3269

■ 123.4020, 13.6058,
-24.0316

■ 101.1420, 24.5800,
-43.9745

■ 130.8220, 9.9478,
-17.3839

■ 93.1350, 28.5274,
-50.1074

■ 138.8290, 6.0003,
-11.2510

■ 85.7150, 32.1855,
-56.7551

■ 146.2490, 2.3422,
-4.6034

■ 77.9960, 35.9910,
-64.0175

■ 153.6690, -1.3158,
2.0443

■ 75.3270, 37.3068,
-66.0618

■ 161.3880, -5.1213,
9.3067

■ 168.8080, -8.7793,
15.9544

■ 176.2280,
-12.4374, 22.6020

■ 184.2350,
-16.3849, 28.7349

Harmonies

Analogous

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



113.3850, 12.6282, -37.1716



115.9820, 17.2639, -30.6792



120.0810, 17.2151, -14.9800

Triad

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



115.9820, 17.2639, -30.6792



124.0080, -1.9759, 27.1800



118.2370, -12.9348, -4.5928

Complementary

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



115.9820, 17.2639, -30.6792



116.0180, -17.2639, 30.6792

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.



120.4130, -16.4726, 10.1618



115.9820, 17.2639, -30.6792



122.6570, -9.6909, 28.3648

Square

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



115.9820, 17.2639, -30.6792



124.1300, 6.3449, 18.3030



121.5330, -15.0528, 21.4576



115.7990, -5.3239, -19.1177

Rectangle

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



115.9820, 17.2639, -30.6792



122.1750, 14.7037, -2.7845



121.5330, -15.0528, 21.4576



118.9280, -14.2615, 0.9401

Sweetspot

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



115.9820, 17.2639, -30.6792



182.6440, 6.5845, -11.9658



124.7120, -10.2110, -38.3354



91.2810, 3.8055, -7.2624



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



115.9820, 17.2639, -30.6792



141.3910, 26.9222, -48.5779



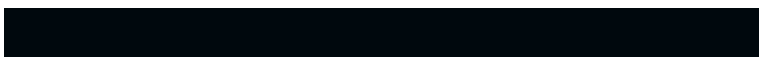
96.0240, 27.1032, -13.1760



72.8470, 2.0474, -3.3738



69.9640, 34.5277, -61.3584



6.1780, 3.3632, -5.4181

Inverse Universe

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



107.1740, 9.7742, 38.4354



127.2120, 15.6715, 60.3271



135.9760, -27.1032, 13.1760



71.9620, 1.0047, 4.4183



52.3480, 19.5484, 76.8708



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 115.9820, 17.2639, -30.6792 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 115.9820, 17.2639, -30.6792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

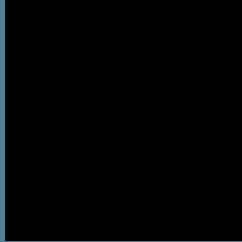
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.9820, 17.2639, -30.6792

Background



This preview shows how black text looks on a background with the YUV color 115.9820, 17.2639, -30.6792.



This preview shows how white text looks on a background with the YUV color 115.9820, 17.2639, -30.6792.

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

115.9820, 17.2639, -30.6792

Protanopia

121.4690, 12.0938, -5.6733

Deuteranopia

121.3920, 15.5827, -4.7288



Tritanopia

114.5920, 12.0331, -32.9682

Trichromacy



Original Color

115.9820, 17.2639, -30.6792

Protanomaly

119.8700, 13.8681, -14.7950

Deuteranomaly

119.1520, 16.1941, -14.1653

Tritanomaly

114.7600, 13.9223, -32.2385

Monochromacy



Original Color

115.9820, 17.2639, -30.6792

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9430, 6.4371, -11.3510

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9820, 17.2639, -30.6792 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(81, 127, 151)` looks like.

```
.text, #text, p{  
    color:rgb(81, 127, 151)  
}
```

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(81, 127, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 127, 151) }
```

Border

The CSS property to change the border of an element to YUV 115.9820, 17.2639, -30.6792 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(81, 127, 151) }
```


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

```
.border{ border-color:rgb(81, 127, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 127, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 127, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 127, 151);  
box-shadow:4px 4px 4px 4px rgb(81, 127,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 115.9820, 17.2639, -30.6792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 127, 151) }
```

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

```
.background{ background-color: rgb(81, 127,  
151) }
```

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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