

Converting Colors

YUV(119.5830, 12.5306,
-5.7733)

Have a look what the booklet for
YUV(119.5830, 12.5306, -5.7733)
contains.

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Color

**YUV(119.5830, 12.5306,
-5.7733)**

Conversions

Conversions Part 1

Format	Color
Hex	717691
RGB	113, 118, 145
RGB Percent	44%, 46%, 57%
CMY	0.5569, 0.5373, 0.4314
CMYK	0.22, 0.19, 0.00, 0.43
HSL	231°, 13%, 51%
HSV	231°, 22%, 57%
XYZ	18.3993, 18.5119, 29.3915
YIQ	119.5830, -11.6470, 7.3370

Conversions

Conversions Part 2

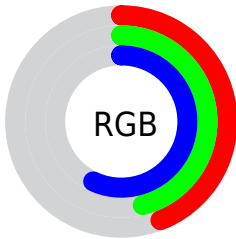
Format	Color
R_{YB}	113, 117, 145
Decimal	7435921
CIE _{Lab}	50.11, 4.28, -15.27
CIE _{LCh}	50, 15.859, 285.648
Yxy	18.5119, 0.2775, 0.2792
Android (android.graphics.Color)	4285626001 (0xFF717691)
YUV	119.5830, 12.5306, -5.7733
Hunter-Lab	43.0255, 1.0388, -10.3842

Details

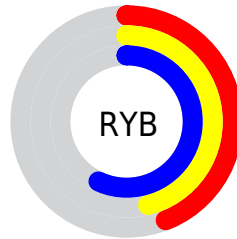
The YUV color **119.5830, 12.5306, -5.7733** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **138.4170, -12.5306, 5.7733**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8110, 13.4042, -5.9732**, and **71.0560, 11.8044, -6.1881** is the 20% darker color. If you saturate the color by 10%, you get **108.0540, 18.2144, -8.8174**, and if you desaturate by 10%, it is **130.8130, 6.9942, -3.3440**.

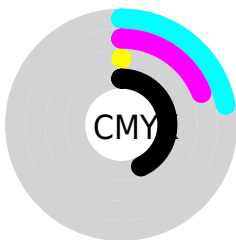
Distribution



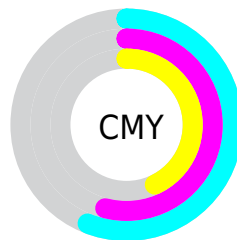
- Red (44%)
- Green (46%)
- Blue (57%)



- Red (44%)
- Yellow (46%)
- Blue (57%)



- Cyan (22%)
- Magenta (19%)
- Yellow (0%)
- Black (43%)



- Cyan (56%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.5830, 12.5306, -5.7733 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 119.5830, 12.5306, -5.7733 by changing the saturation by 10% instead.

■ 119.5830, 12.5306,
-5.7733

■ 119.5830, 12.5306,
-5.7733

■ 255.0000, 0.0000,
0.0000

■ 94.4690, 12.0938,
-5.6733

■ 171.8110, 13.4042,
-5.9732

■ 71.0560, 11.8044,
-6.1881

■ 198.9250, 13.8410,
-6.0732

■ 48.8280, 10.9308,
-5.9882

■ 226.9250, 13.8410,
-6.0732

■ 27.3010, 10.2046,
-6.4030

■ 252.6190, 1.1738,
-3.1739

■ 3.1920, 12.2303,
-2.7994

■ 0.0000, 0.0000,
0.0000

■ 119.5830, 12.5306,
-5.7733

■ 119.5830, 12.5306,
-5.7733

■ 108.0540, 18.2144,
-8.8174

■ 130.8130, 6.9942,
-3.3440

■ 96.8240, 23.7508,
-11.2466

■ 142.3420, 1.3104,
-0.2999

■ 85.0070, 29.5765,
-13.1611

■ 154.4580, -4.6628,
2.2293

■ 73.4780, 35.2603,
-16.2052

■ 165.6880,
-10.1992, 4.6586

■ 62.2480, 40.7967,
-18.6345

■ 177.2170,
-15.8830, 7.7027

■ 50.7190, 46.4805,
-21.6786

■ 188.4470,
-21.4194, 10.1320

■ 38.6030, 52.4537,
-24.2078


■ 200.2640,
-27.2452, 12.0465

■ 30.0310, 56.6797,

■ 211.7930,

-26.3372

-32.9289, 15.0905

 223.0230,
-38.4653, 17.5198

Harmonies

Analogous

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



116.5490, 14.0263, -18.8985



119.5830, 12.5306, -5.7733



120.9330, 8.4140, 7.9518

Triad

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



119.5830, 12.5306, -5.7733



120.6130, -9.6692, 21.3874



114.2380, -1.1033, -19.5027

Complementary

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



119.5830, 12.5306, -5.7733



138.4170, -12.5306, 5.7733

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.



116.1810, -7.9772, -8.0517



119.5830, 12.5306, -5.7733



119.3580, -12.9945, 14.5950

Square

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



119.5830, 12.5306, -5.7733



121.4050, -4.1437, 22.4468



118.1070, -12.3778, 3.4142



113.7300, 6.0491, -26.9502

Rectangle

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



119.5830, 12.5306, -5.7733



121.6520, 4.6086, 15.2142



118.1070, -12.3778, 3.4142



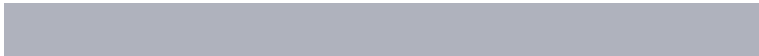
115.2770, -3.5876, -16.0289

Sweetspot

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



119.5830, 12.5306, -5.7733



178.3570, 5.2470, -2.9441



134.8620, 2.5330, -19.1730



88.3850, 2.7682, -1.2146



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.5830, 12.5306, -5.7733



149.6950, 19.3774, -8.5025



119.9370, 12.3561, 3.5633



65.3850, 2.7682, -1.2146



27.7170, 52.8905, -24.3078



1.4990, 3.2050, -1.3146

Inverse Universe

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



123.1380, -2.5330, 19.1730



155.4490, -4.1654, 29.4242



138.0630, -12.3561, -3.5633



66.2070, -0.5951, 4.2035



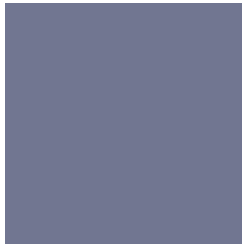
42.7590, -10.7272, 80.8954



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 119.5830, 12.5306, -5.7733 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 119.5830, 12.5306, -5.7733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

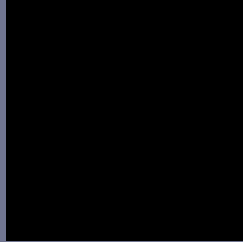
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.5830, 12.5306, -5.7733

Background



This preview shows how black text looks on a background with the YUV color 119.5830, 12.5306, -5.7733.



This preview shows how white text looks on a background with the YUV color 119.5830, 12.5306, -5.7733.

-5.7733.

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

119.5830, 12.5306, -5.7733

Protanopia

119.5830, 12.5306, -5.7733

Deuteranopia

120.4910, 12.0829, -2.1846



Tritanopia

118.7370, 5.5527, -7.6623

Trichromacy



Original Color

119.5830, 12.5306, -5.7733

Protanomaly

119.5830, 12.5306, -5.7733

Deuteranomaly

119.8930, 12.3778, -3.4142

Tritanomaly

119.0190, 7.8786, -7.0327

Monochromacy



Original Color

119.5830, 12.5306, -5.7733

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.5420, 4.6628, -2.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5830, 12.5306, -5.7733 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(113, 118, 145)` looks like.

```
.text, #text, p{  
    color:rgb(113, 118, 145)  
}
```

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(113, 118, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 118, 145) }
```

Border

The CSS property to change the border of an element to YUV 119.5830, 12.5306, -5.7733 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(113, 118, 145) }
```


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

```
.border{ border-color:rgb(113, 118, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 118, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 118, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 118, 145);  
box-shadow:4px 4px 4px 4px rgb(113, 118,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 119.5830, 12.5306, -5.7733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 118, 145) }
```

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

```
.background{ background-color: rgb(113,  
118, 145) }
```

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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