

Converting Colors

YUV(135.5830, 12.5306,
-5.7733)

Have a look what the booklet for
YUV(135.5830, 12.5306, -5.7733)
contains.

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Color

**YUV(135.5830, 12.5306,
-5.7733)**

Conversions

Conversions Part 1

Format	Color
Hex	8186A1
RGB	129, 134, 161
RGB Percent	51%, 53%, 63%
CMY	0.4941, 0.4745, 0.3686
CMYK	0.20, 0.17, 0.00, 0.37
HSL	231°, 15%, 57%
HSV	231°, 20%, 63%
XYZ	24.0114, 24.2905, 37.1412
YIQ	135.5830, -11.6470, 7.3370

Conversions

Conversions Part 2

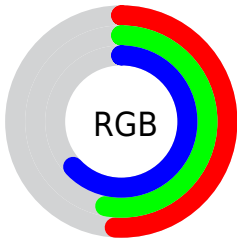
Format	Color
R_{YB}	129, 133, 161
Decimal	8488609
CIE _{Lab}	56.38, 4.11, -14.95
CIE _{LCh}	56, 15.508, 285.359
Yxy	24.2905, 0.2810, 0.2843
Android (android.graphics.Color)	4286678689 (0xFF8186A1)
YUV	135.5830, 12.5306, -5.7733
Hunter-Lab	49.2854, 0.7140, -10.1808

Details

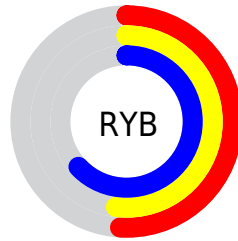
The YUV color $135.5830, 12.5306, -5.7733$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $154.4170, -12.5306, 5.7733$, and the grayscale version is $135.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.8110, 13.4042, -5.9732$, and $85.9420, 11.3676, -6.0881$ is the 20% darker color. If you saturate the color by 10%, you get $122.5810, 18.9406, -8.4025$, and if you desaturate by 10%, it is $148.5850, 6.1206, -3.1440$.

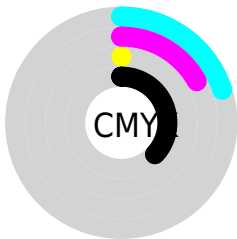
Distribution



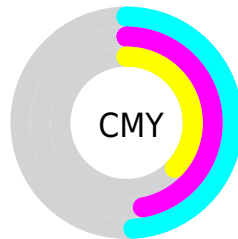
- Red (51%)
- Green (53%)
- Blue (63%)



- Red (51%)
- Yellow (52%)
- Blue (63%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (37%)



- Cyan (49%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.5830, 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 135.5830, 12.5306, -5.7733 by changing the saturation by 10% instead.

■ 135.5830, 12.5306,
-5.7733

■ 135.5830, 12.5306,
-5.7733

■ 255.0000, 0.0000,
0.0000

■ 110.4690, 12.0938,
-5.6733

■ 188.8110, 13.4042,
-5.9732

■ 85.9420, 11.3676,
-6.0881

■ 216.8110, 13.4042,
-5.9732

■ 62.2410, 11.2202,
-5.4734

■ 242.8730, 5.9786,
-4.2736

■ 40.4150, 10.6414,
-6.5030

■ 19.3010, 10.2046,
-6.4030

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 135.5830, 12.5306,
-5.7733

■ 135.5830, 12.5306,
-5.7733

■ 122.5810, 18.9406,
-8.4025

■ 148.5850, 6.1206,
-3.1440

■ 110.1660, 25.0612,
-11.5466

■ 161.0000, 0.0000,
0.0000

■ 97.1640, 31.4711,
-14.1758

■ 174.0020, -6.4100,
2.6292

■ 84.7490, 37.5917,
-17.3199

■ 186.4170,
-12.5306, 5.7733

■ 71.7470, 44.0017,
-19.9491

■ 199.7180,
-19.0880, 9.0173

■ 58.4460, 50.5591,
-23.1931

■ 212.7200,
-25.4980, 11.6466

■ 46.0310, 56.6797,
-26.3372

■ 225.1350,
-31.6186, 14.7906

■ 33.0290, 63.0897,
-28.9664

■ 237.2400,
-37.5863, 15.5755

■ 244.2840,
-41.0590, 9.3979

Harmonies

Analogous

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



132.8480, 13.8789, -18.2837



135.5830, 12.5306, -5.7733



137.5200, 8.1246, 7.4370

Triad

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



135.5830, 12.5306, -5.7733



136.6130, -9.6692, 21.3874



131.1240, -1.5401, -19.4027

Complementary

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



135.5830, 12.5306, -5.7733



154.4170, -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.



132.1810, -7.9772, -8.0517



135.5830, 12.5306, -5.7733



135.3580, -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.



135.5830, 12.5306, -5.7733



137.4050, -4.1437, 22.4468



133.5200, -12.0884, 3.9290



130.0290, 5.9017, -26.3354

Rectangle

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



135.5830, 12.5306, -5.7733



137.6520, 4.6086, 15.2142



133.5200, -12.0884, 3.9290



131.2770, -3.5876, -16.0289

Sweetspot

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



135.5830, 12.5306, -5.7733



199.5420, 4.6628, -2.2293



150.8620, 2.5330, -19.1730



98.4990, 3.2050, -1.3146



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



135.5830, 12.5306, -5.7733



169.3960, 19.5248, -9.1173



135.9370, 12.3561, 3.5633



75.2000, 3.3524, -1.9294



30.0310, 56.6797, -26.3372



3.8130, 6.9942, -3.3440

Inverse Universe

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



139.1380, -2.5330, 19.1730



174.8620, -3.8760, 29.9390



154.0630, -12.3561, -3.5633



75.9190, -0.4531, 5.3330



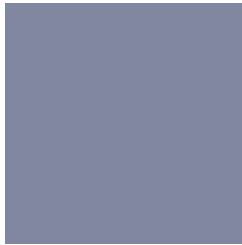
45.9770, -11.3277, 86.8432



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 135.5830, 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 135.5830, 12.5306, -5.7733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

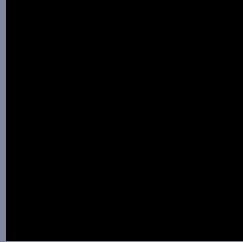
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.5830, 12.5306, -5.7733

Background



This preview shows how black text looks on a background with the YUV color 135.5830, 12.5306, -5.7733.



This preview shows how white text looks on a background with the YUV color 135.5830, 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

135.5830, 12.5306, -5.7733

Protanopia

135.5830, 12.5306, -5.7733

Deuteranopia

136.2030, 12.2249, -1.0550



Tritanopia

134.2640, 6.2788, -7.2475

Trichromacy



Original Color

135.5830, 12.5306, -5.7733

Protanomaly

135.5830, 12.5306, -5.7733

Deuteranomaly

136.1920, 12.2303, -2.7994

Tritanomaly

134.5460, 8.6048, -6.6178

Monochromacy



Original Color

135.5830, 12.5306, -5.7733

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.5420, 4.6628, -2.2293

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.5830, 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(129, 134, 161)` looks like.

```
.text, #text, p{  
    color:rgb(129, 134, 161)  
}
```

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(129, 134, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 134, 161) }
```

Border

The CSS property to change the border of an element to YUV 135.5830, 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(129, 134, 161) }
```


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

```
.border{ border-color:rgb(129, 134, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 134, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 134, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 134, 161);  
box-shadow:4px 4px 4px 4px rgb(129, 134,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 135.5830, 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(129, 134, 161) }
```

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

```
.background{ background-color: rgb(129,  
134, 161) }
```

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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