

Converting Colors

YUV(123.5890, 26.8246,
-17.1796)

Have a look what the booklet for
YUV(123.5890, 26.8246, -17.1796)
contains.

YUV(123.5890, 26.8246, -17.1796)	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(123.5890, 26.8246,
-17.1796)**

Conversions

Conversions Part 1

Format	Color
Hex	687BB2
RGB	104, 123, 178
RGB Percent	41%, 48%, 70%
CMY	0.5922, 0.5176, 0.3020
CMYK	0.42, 0.31, 0.00, 0.30
HSL	225°, 32%, 55%
HSV	225°, 42%, 70%
XYZ	20.8278, 20.3233, 44.9445
YIQ	123.5890, -28.9790, 13.0770

Conversions

Conversions Part 2

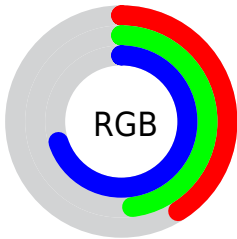
Format	Color
RYB	104, 119, 178
Decimal	6847410
CIELab	52.20, 7.47, -31.33
CIELCh	52, 32.206, 283.418
Yxy	20.3233, 0.2419, 0.2361
Android (android.graphics.Color)	4285037490 (0xFF687BB2)
YUV	123.5890, 26.8246, -17.1796
Hunter-Lab	45.0814, 3.5752, -27.5530

Details

The YUV color **123.5890, 26.8246, -17.1796** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **158.4110, -26.8246, 17.1796**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6430, 28.2770, -16.3499**, and **73.8230, 25.2303, -19.1388** is the 20% darker color. If you saturate the color by 10%, you get **110.5760, 33.2400, -21.5532**, and if you desaturate by 10%, it is **136.6020, 20.4092, -12.8060**.

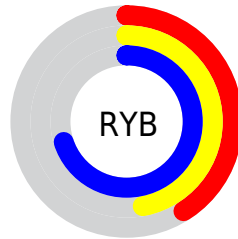
Distribution



Red (41%)

Green (48%)

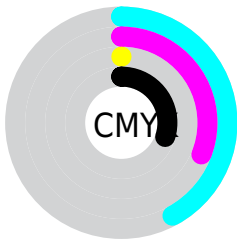
Blue (70%)



Red (41%)

Yellow (47%)

Blue (70%)

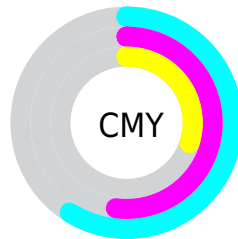


Cyan (42%)

Magenta (31%)

Yellow (0%)

Black (30%)



Cyan (59%)

Magenta (52%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.5890, 26.8246, -17.1796 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 123.5890, 26.8246, -17.1796 by changing the saturation by 10% instead.

■ 123.5890, 26.8246,
-17.1796

■ 123.5890, 26.8246,
-17.1796

■ 255.0000, 0.0000,
0.0000

■ 98.0620, 26.0984,
-17.5944

■ 176.6430, 28.2770,
-16.3499

■ 73.8230, 25.2303,
-19.1388

■ 203.8450, 25.2194,
-15.6501

■ 48.8010, 25.2411,
-22.6275

■ 228.6530, 12.9891,
-12.8507

■ 26.8610, 24.2255,
-23.5571

■ 251.4120, 1.7689,
-7.3773

■ 9.5640, 21.4139,
-8.3876

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 123.5890, 26.8246,
-17.1796

■ 123.5890, 26.8246,
-17.1796

■ 110.5760, 33.2400,
-21.5532

■ 136.6020, 20.4092,
-12.8060

■ 97.5630, 39.6554,
-25.9268

■ 149.6150, 13.9938,
-8.4324

■ 84.2620, 46.2128,
-29.1708

■ 162.9160, 7.4364,
-5.1883

■ 71.2490, 52.6282,
-33.5444

■ 175.9290, 1.0210,
-0.8147

■ 58.2360, 59.0437,
-37.9180

■ 188.9420, -5.3944,
3.5589

■ 47.2940, 64.4381,
-41.4768

■ 201.9550,
-11.8098, 7.9325

■ 215.5550,
-18.5146, 11.7913

■ 228.2690,
-24.7826, 15.5501

■ 238.5910,
-29.8714, 14.3907

Harmonies

Analogous

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



113.2100, 31.4485, -53.6812



123.5890, 26.8246, -17.1796



127.8980, 18.2913, 13.2445

Triad

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



123.5890, 26.8246, -17.1796



125.1550, -18.3174, 41.9601



112.1550, -2.0484, -43.1089

Complementary

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



123.5890, 26.8246, -17.1796



158.4110, -26.8246, 17.1796

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.



117.7210, -17.1175, -16.4183



123.5890, 26.8246, -17.1796



123.8190, -25.5468, 27.3457

Square

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



123.5890, 26.8246, -17.1796



126.5650, -6.6875, 45.1085



121.3990, -25.3397, 7.5431



98.2930, 18.5896, -82.6950

Rectangle

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



123.5890, 26.8246, -17.1796



128.3470, 10.6749, 29.5137



121.3990, -25.3397, 7.5431



114.4290, -7.6065, -33.7022

Sweetspot

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



123.5890, 26.8246, -17.1796



211.3010, 10.2046, -6.4030



153.5940, 2.1722, -43.4939



105.1720, 5.8312, -3.6588



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



123.5890, 26.8246, -17.1796



146.8340, 41.9868, -27.0414



117.5190, 29.8171, 3.0528



82.7870, 3.0630, -2.4442



40.3350, 55.5438, -35.3738



7.0730, 9.3310, -6.2030

Inverse Universe

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



128.2920, -2.6090, 43.5939



154.1040, -3.9953, 68.3148



164.4810, -29.8171, -3.0528



83.0330, -0.0163, 5.2331



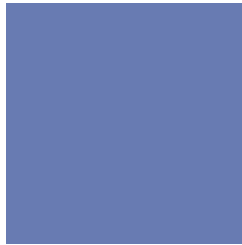
50.1930, -5.5181, 90.1617



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 123.5890, 26.8246, -17.1796 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 123.5890, 26.8246, -17.1796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

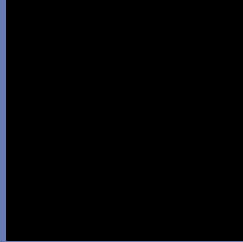
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

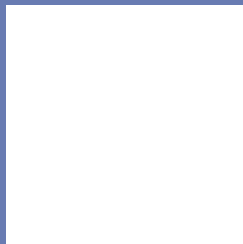
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.5890, 26.8246, -17.1796

Background



This preview shows how black text looks on a background with the YUV color 123.5890, 26.8246, -17.1796.

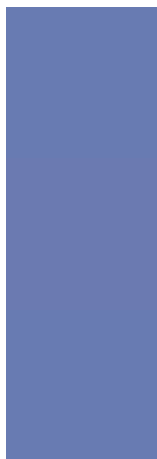


This preview shows how white text looks on a background with the YUV color 123.5890, 26.8246, -17.1796.

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

123.5890, 26.8246, -17.1796

Protanopia

123.7850, 26.2350, -14.7204

Deuteranopia

123.5890, 26.8246, -17.1796



Tritanopia

120.4900, 10.1114, -23.2317

Trichromacy



Original Color

123.5890, 26.8246, -17.1796

Protanomaly

123.4860, 26.3824, -15.3352

Deuteranomaly

123.5890, 26.8246, -17.1796

Tritanomaly

121.4070, 16.0683, -20.5279

Monochromacy



Original Color

123.5890, 26.8246, -17.1796

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.1870, 9.7678, -6.3030

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.5890, 26.8246, -17.1796 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(104, 123, 178)` looks like.

```
.text, #text, p{  
    color:rgb(104, 123, 178)  
}
```

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(104, 123, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 123, 178) }
```

Border

The CSS property to change the border of an element to YUV 123.5890, 26.8246, -17.1796 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(104, 123, 178) }
```


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

```
.border{ border-color:rgb(104, 123, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 123, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 123, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 123, 178);  
box-shadow:4px 4px 4px 4px rgb(104, 123,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 123.5890, 26.8246, -17.1796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 123, 178) }
```

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

```
.background{ background-color: rgb(104,  
123, 178) }
```

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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