

Converting Colors

YUV(123.1330, 25.0774,
-16.7796)

Have a look what the booklet for
YUV(123.1330, 25.0774, -16.7796)
contains.

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Color

**YUV(123.1330, 25.0774,
-16.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	687BAE
RGB	104, 123, 174
RGB Percent	41%, 48%, 68%
CMY	0.5922, 0.5176, 0.3176
CMYK	0.40, 0.29, 0.00, 0.32
HSL	224°, 30%, 55%
HSV	224°, 40%, 68%
XYZ	20.4319, 20.1650, 42.8598
YIQ	123.1330, -27.6950, 11.8330

Conversions

Conversions Part 2

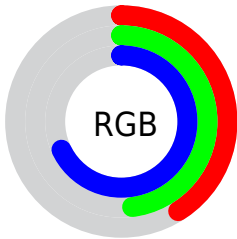
Format	Color
RYB	104, 119, 174
Decimal	6847406
CIELab	52.02, 6.32, -29.29
CIELCh	52, 29.967, 282.169
Yxy	20.1650, 0.2448, 0.2416
Android (android.graphics.Color)	4285037486 (0xFF687BAE)
YUV	123.1330, 25.0774, -16.7796
Hunter-Lab	44.9054, 2.6326, -25.1552

Details

The YUV color **123.1330, 25.0774, -16.7796** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **154.8670, -25.0774, 16.7796**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1870, 26.5298, -15.9500**, and **73.3670, 23.4831, -18.7389** is the 20% darker color. If you saturate the color by 10%, you get **110.4190, 31.3454, -20.5385**, and if you desaturate by 10%, it is **135.8470, 18.8094, -13.0208**.

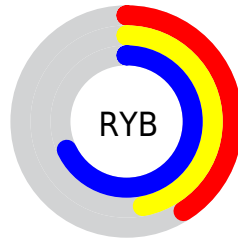
Distribution



Red (41%)

Green (48%)

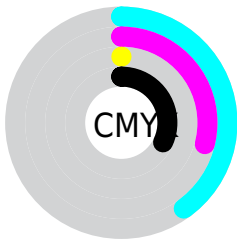
Blue (68%)



Red (41%)

Yellow (47%)

Blue (68%)

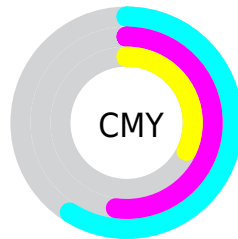


Cyan (40%)

Magenta (29%)

Yellow (0%)

Black (32%)



Cyan (59%)

Magenta (52%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.1330, 25.0774, -16.7796 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 123.1330, 25.0774, -16.7796 by changing the saturation by 10% instead.

■ 123.1330, 25.0774,
-16.7796

■ 123.1330, 25.0774,
-16.7796

255.0000, 0.0000,
0.0000

■ 97.6060, 24.3512,
-17.1945

■ 176.1870, 26.5298,
-15.9500

■ 73.3670, 23.4831,
-18.7389

■ 203.5460, 25.3668,
-16.2648

■ 48.9430, 23.1991,
-20.9980

■ 228.6530, 12.9891,
-12.8507

■ 26.4050, 22.4783,
-23.1572

■ 251.1130, 1.9163,
-7.9921

■ 9.2220, 20.1036,
-8.0877

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,

0.0000

■ 123.1330, 25.0774,
-16.7796

■ 123.1330, 25.0774,
-16.7796

■ 110.4190, 31.3454,
-20.5385

■ 135.8470, 18.8094,
-13.0208

■ 97.9930, 37.4715,
-25.4269

■ 148.2730, 12.6834,
-8.1324

■ 85.2790, 43.7395,
-29.1857

■ 160.9870, 6.4154,
-4.3736

■ 72.2660, 50.1549,
-33.5593

■ 174.0000, 0.0000,
0.0000

■ 60.1390, 56.1335,
-37.8329

■ 186.1270, -5.9786,
4.2736

■ 47.4250, 62.4015,
-41.5917

■ 198.8410,
-12.2466, 8.0324

■ 211.8540,
-18.6620, 12.4060

■ 223.9810,
-24.6406, 16.6797

■ 235.2000,
-30.1716, 17.3646

Harmonies

Analogous

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



114.1460, 28.5220, -48.3630



123.1330, 25.0774, -16.7796



127.2460, 17.1337, 11.1853

Triad

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



123.1330, 25.0774, -16.7796



125.1870, -16.8542, 39.3010



113.5470, -3.2277, -38.1907

Complementary

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



123.1330, 25.0774, -16.7796



154.8670, -25.0774, 16.7796

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.



118.2590, -16.3967, -14.2591



123.1330, 25.0774, -16.7796



123.2750, -23.7996, 26.9458

Square

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



123.1330, 25.0774, -16.7796



126.0700, -5.9505, 42.0346



121.4530, -23.8873, 8.3727



105.8500, 13.8780, -64.7664

Rectangle

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



123.1330, 25.0774, -16.7796



127.5100, 10.1016, 26.7397



121.4530, -23.8873, 8.3727



115.3370, -8.0541, -30.1135

Sweetspot

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



123.1330, 25.0774, -16.7796



207.1870, 9.7678, -6.3030



150.7900, 1.5825, -41.0348



103.1720, 5.8312, -3.6588



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



123.1330, 25.0774, -16.7796



148.0360, 38.9293, -26.3416



116.4650, 28.3648, 2.2232



80.2000, 3.3524, -1.9294



41.1670, 53.6547, -36.1035



6.1440, 8.3100, -5.3883

Inverse Universe

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



127.0960, -2.0193, 41.1348



154.0110, -2.9634, 64.0114



161.5350, -28.3648, -2.2232



80.9190, -0.4531, 5.3330



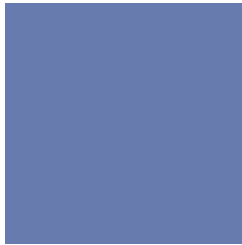
49.5240, -4.2023, 88.1175



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 123.1330, 25.0774, -16.7796 looks on a white background.

Color Contrast Check

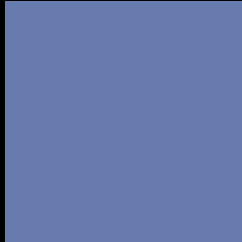
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.1330, 25.0774, -16.7796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

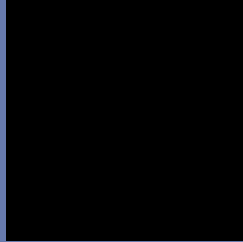
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

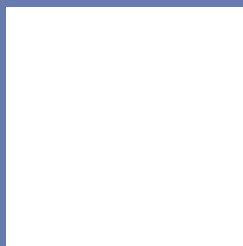
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 123.1330, 25.0774, -16.7796

Background



This preview shows how black text looks on a background with the YUV color 123.1330, 25.0774, -16.7796.

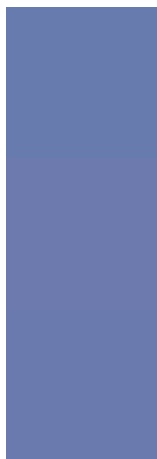


This preview shows how white text looks on a background with the YUV color 123.1330, 25.0774, -16.7796.

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

123.1330, 25.0774, -16.7796

Protanopia

123.6280, 24.3404, -13.7058

Deuteranopia

123.1440, 25.0720, -15.0353



Tritanopia

120.6750, 9.5272, -22.5170

Trichromacy



Original Color

123.1330, 25.0774, -16.7796

Protanomaly

123.3290, 24.4878, -14.3205

Deuteranomaly

122.8450, 25.2194, -15.6501

Tritanomaly

121.1790, 15.1948, -20.3280

Monochromacy



Original Color

123.1330, 25.0774, -16.7796

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0730, 9.3310, -6.2030

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1330, 25.0774, -16.7796 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(104, 123, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 123, 174) }
```

Border

The CSS property to change the border of an element to YUV 123.1330, 25.0774, -16.7796 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, 174) }
```


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

```
.border{ border-color:rgb(104, 123, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 123, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 123, 174); box-shadow:4px 4px 4px 4px rgb(104, 123, 174) }
```

Background

The CSS property to change the background color of an element to YUV 123.1330, 25.0774, -16.7796 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, 174) }
```

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

```
.background{ background-color: rgb(104,  
123, 174) }
```

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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