

Converting Colors

YUV(125.2710, 35.8554,
-20.4087)

Have a look what the booklet for
YUV(125.2710, 35.8554, -20.4087)
contains.

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Color

**YUV(125.2710, 35.8554,
-20.4087)**

Conversions

Conversions Part 1

Format	Color
Hex	667BC6
RGB	102, 123, 198
RGB Percent	40%, 48%, 78%
CMY	0.6000, 0.5176, 0.2235
CMYK	0.48, 0.38, 0.00, 0.22
HSL	227°, 46%, 59%
HSV	227°, 48%, 78%
XYZ	22.7555, 21.0679, 56.2933
YIQ	125.2710, -36.5910, 18.8730

Conversions

Conversions Part 2

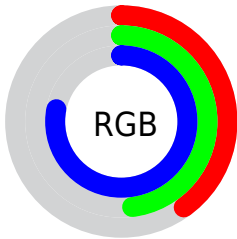
Format	Color
R _Y B	102, 119, 198
Decimal	6716358
CIE _{Lab}	53.02, 12.95, -41.51
CIE _{LCh}	53, 43.487, 287.330
Y _{xy}	21.0679, 0.2273, 0.2104
Android (android.graphics.Color)	4284906438 (0xFF667BC6)
Y _{UV}	125.2710, 35.8554, -20.4087
Hunter-Lab	45.8998, 8.1693, -40.5856

Details

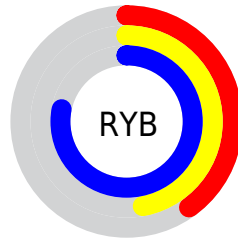
The YUV color **125.2710, 35.8554, -20.4087** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **174.7290, -35.8554, 20.4087**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0370, 37.4498, -18.4494**, and **73.8960, 34.5613, -25.3418** is the 20% darker color. If you saturate the color by 10%, you get **110.4860, 43.1444, -24.9822**, and if you desaturate by 10%, it is **140.0560, 28.5664, -15.8351**.

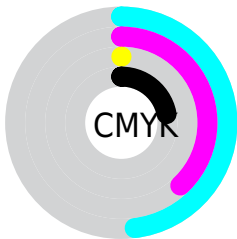
Distribution



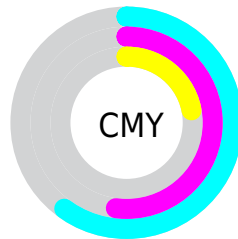
- Red (40%)
- Green (48%)
- Blue (78%)



- Red (40%)
- Yellow (47%)
- Blue (78%)



- Cyan (48%)
- Magenta (38%)
- Yellow (0%)
- Black (22%)



- Cyan (60%)
- Magenta (52%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.2710, 35.8554, -20.4087 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 125.2710, 35.8554, -20.4087 by changing the saturation by 10% instead.

■ 125.2710, 35.8554,
-20.4087

■ 125.2710, 35.8554,
-20.4087

■ 255.0000, 0.0000,
0.0000

■ 99.0320, 34.9872,
-21.9531

■ 179.0370, 37.4498,
-18.4494

■ 73.8960, 34.5613,
-25.3418

■ 203.8450, 25.2194,
-15.6501

■ 44.5740, 36.1990,
-37.3374

■ 228.9520, 12.8417,
-12.2359

■ 29.3860, 31.3617,
-25.7715

■ 251.7110, 1.6215,
-6.7625

■ 12.5620, 27.8239,
-11.0169

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 125.2710, 35.8554,
-20.4087

■ 125.2710, 35.8554,
-20.4087

■ 110.4860, 43.1444,
-24.9822

■ 140.0560, 28.5664,
-15.8351

■ 95.1140, 50.7228,
-29.0410

■ 155.4280, 20.9880,
-11.7764

■ 80.6280, 57.8644,
-32.9998

■ 169.9140, 13.8464,
-7.8176

■ 65.2560, 65.4428,
-37.0585

■ 185.2860, 6.2680,
-3.7588

■ 50.4710, 72.7318,
-41.6321

■ 200.0710, -1.0210,
0.8147

■ 47.8130, 74.0422,
-41.9320

■ 215.4430, -8.5994,
4.8735

■ 230.2280,
-15.8884, 9.4470

■ 243.8060,
-22.5824, 9.8171

■ 248.5020,
-24.8975, 5.6987

Harmonies

Analogous

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



101.9310, 47.8550, -89.3935



125.2710, 35.8554, -20.4087



130.6310, 23.3529, 23.1256

Triad

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



125.2710, 35.8554, -20.4087



125.5710, -25.9175, 52.9962



96.9540, 5.9387, -85.0287

Complementary

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



125.2710, 35.8554, -20.4087



174.7290, -35.8554, 20.4087

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.



115.7320, -20.5739, -27.8290



125.2710, 35.8554, -20.4087



124.2190, -35.6040, 33.1339

Square

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



125.2710, 35.8554, -20.4087



126.7520, -10.2307, 61.6075



120.7980, -33.9174, 5.4392



101.9870, 22.6844, -89.4426

Rectangle

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



125.2710, 35.8554, -20.4087



129.7170, 12.9575, 44.0982



120.7980, -33.9174, 5.4392



107.7420, -5.7888, -56.7787

Sweetspot

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



125.2710, 35.8554, -20.4087



226.0280, 14.2832, -7.9176



166.7880, 4.5415, -56.8191



110.5570, 8.5994, -4.8735



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



125.2710, 35.8554, -20.4087



142.6560, 55.3856, -31.2703



120.7180, 38.1000, 6.3863



92.2000, 3.3524, -1.9294



39.7140, 60.7800, -34.8292



8.8000, 13.4096, -7.7176

Inverse Universe

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



133.0980, -4.9783, 56.9191



154.9000, -7.8387, 87.7877



179.2820, -38.1000, -6.3863



92.9190, -0.4531, 5.3330



52.8410, -8.3026, 96.6094



11.6760, -1.8123, 21.3321

Previews

White Background



This preview shows how the YUV color 125.2710, 35.8554, -20.4087 looks on a white background.

Color Contrast Check

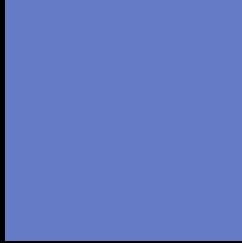
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.2710, 35.8554, -20.4087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

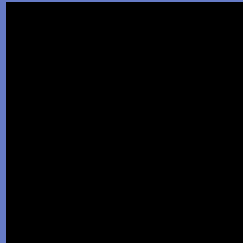
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.2710, 35.8554, -20.4087

Background



This preview shows how black text looks on a background with the YUV color 125.2710, 35.8554, -20.4087.

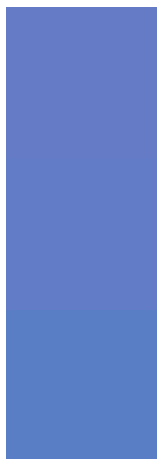


This preview shows how white text looks on a background with the YUV color 125.2710, 35.8554, -20.4087.

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

125.2710, 35.8554, -20.4087

Protanopia

124.7760, 36.5924, -23.4826

Deuteranopia

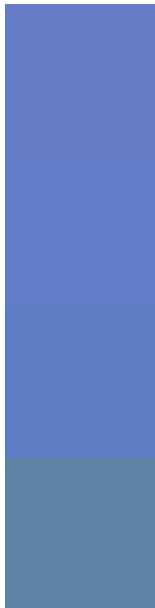
123.0310, 36.4667, -29.8452



Tritanopia

120.9020, 11.8803, -30.6091

Trichromacy



Original Color

125.2710, 35.8554, -20.4087

Protanomaly

125.0750, 36.4450, -22.8678

Deuteranomaly

123.9390, 36.0191, -26.2565

Tritanomaly

122.5140, 20.4526, -26.7608

Monochromacy



Original Color

125.2710, 35.8554, -20.4087

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0990, 13.2622, -7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.2710, 35.8554, -20.4087 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(102, 123, 198)` looks like.

```
.text, #text, p{  
    color:rgb(102, 123, 198)  
}
```

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(102, 123, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 123, 198) }
```

Border

The CSS property to change the border of an element to YUV 125.2710, 35.8554, -20.4087 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(102, 123, 198) }
```


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

```
.border{ border-color:rgb(102, 123, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 123, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 123, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 123, 198);  
box-shadow:4px 4px 4px 4px rgb(102, 123,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 125.2710, 35.8554, -20.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 123, 198) }
```

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

```
.background{ background-color: rgb(102,  
123, 198) }
```

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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