

Converting Colors

YUV(125.6910, -11.6797,
-33.9320)

Have a look what the booklet for
YUV(125.6910, -11.6797, -33.9320)
contains.

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Color

**YUV(125.6910, -11.6797,
-33.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	579666
RGB	87, 150, 102
RGB Percent	34%, 59%, 40%
CMY	0.6588, 0.4118, 0.6000
CMYK	0.42, 0.00, 0.32, 0.41
HSL	134°, 27%, 46%
HSV	134°, 42%, 59%
XYZ	17.2351, 24.7982, 16.4485
YIQ	125.6910, -22.1400, -28.2840

Conversions

Conversions Part 2

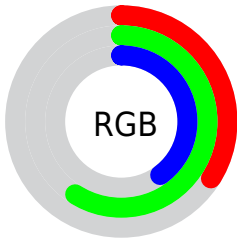
Format	Color
R_{YB}	87, 138, 150
Decimal	5740134
CIE _{Lab}	56.88, -31.12, 19.14
CIE _{LCh}	57, 36.537, 148.417
Yxy	24.7982, 0.2947, 0.4240
Android (android.graphics.Color)	4283930214 (0xFF579666)
YUV	125.6910, -11.6797, -33.9320
Hunter-Lab	49.7978, -25.3671, 15.2746

Details

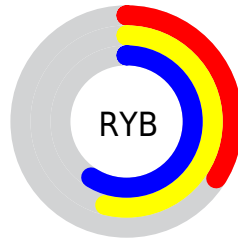
The YUV color **125.6910, -11.6797, -33.9320** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **111.3090, 11.6797, 33.9320**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.6370, -13.1320, -34.7616**, and **74.8480, -9.7851, -34.9467** is the 20% darker color. If you saturate the color by 10%, you get **119.9520, -14.2733, -42.0539**, and if you desaturate by 10%, it is **131.4300, -9.0860, -25.8101**.

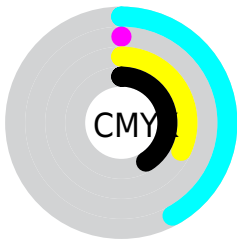
Distribution



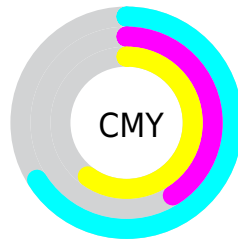
- Red (34%)
- Green (59%)
- Blue (40%)



- Red (34%)
- Yellow (54%)
- Blue (59%)



- Cyan (42%)
- Magenta (0%)
- Yellow (32%)
- Black (41%)



- Cyan (66%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.6910, -11.6797, -33.9320 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 125.6910, -11.6797, -33.9320 by changing the saturation by 10% instead.

■ 125.6910,
-11.6797, -33.9320

■ 125.6910,
-11.6797, -33.9320

■ 255.0000, 0.0000,
0.0000

■ 99.9190, -10.8061,
-34.1320

■ 179.6370,
-13.1320, -34.7616

■ 74.8480, -9.7851,
-34.9467

■ 207.2240,
-13.4214, -35.2764

■ 47.7980, -7.2954,
-40.1648

■ 231.7020,
-11.6851, -32.1877

■ 31.1910, -9.9542,
-27.3545

■ 243.2660, -3.5821,
-17.7733

■ 18.7840, -9.2605,
-16.4736

■ 254.1030, 0.4422,
-1.8443

■ 0.0000, 0.0000,
0.0000

■ 125.6910,
-11.6797, -33.9320

■ 125.6910,
-11.6797, -33.9320

■ 119.9520,
-14.2733, -42.0539

■ 131.4300, -9.0860,
-25.8101

■ 114.0990,
-17.3038, -50.0758

■ 137.2830, -6.0555,
-17.7882

■ 108.3600,
-19.8975, -58.1977

■ 143.0220, -3.4618,
-9.6663

■ 102.5070,
-22.9280, -66.2196

■ 148.8750, -0.4314,
-1.6444

■ 96.7680, -25.5216,
-74.3415

■ 154.6140, 2.1623,
6.4775

■ 92.1540, -27.6839,
-80.8191

■ 160.4670, 5.1928,
14.4994

■ 166.2060, 7.7864,
22.6213

■ 171.9450, 10.3801,

30.7432

■ 177.7980, 13.4106,
38.7652

Harmonies

Analogous

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



131.2080, -25.7385, -4.5674



125.6910, -11.6797, -33.9320



114.6550, 9.5371, -72.4884

Triad

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



125.6910, -11.6797, -33.9320



129.7970, 34.6101, -41.0410



137.5460, -14.5662, 52.1412

Complementary

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



125.6910, -11.6797, -33.9320



111.3090, 11.6797, 33.9320

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.



139.3080, -0.1518, 48.8419



125.6910, -11.6797, -33.9320



138.5740, 26.3390, -1.3804

Square

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



125.6910, -11.6797, -33.9320



108.5360, 40.1618, -95.1861



140.3840, 14.6007, 30.3582



136.3800, -26.3163, 40.8857

Rectangle

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



125.6910, -11.6797, -33.9320



107.5950, 23.8637, -94.3608



140.3840, 14.6007, 30.3582



138.3980, -10.0562, 52.2710

Sweetspot

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



125.6910, -11.6797, -33.9320



184.3590, -4.6140, -13.4698



138.3330, -25.3072, -2.9230



90.8480, -2.8831, -8.6367



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



125.6910, -11.6797, -33.9320



156.5610, -18.0246, -52.2350



129.2250, 1.8611, -37.0313



71.2230, -1.5889, -3.7036



84.7680, -25.5216, -74.3415



6.0980, -2.0203, -5.3479

Inverse Universe

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



111.3090, 11.6797, 33.9320



134.4390, 18.0246, 52.2350



107.7750, -1.8611, 37.0313



69.6630, 1.1521, 3.8035



53.2320, 25.5216, 74.3415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 125.6910, -11.6797, -33.9320 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 125.6910, -11.6797, -33.9320 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 125.6910, -11.6797, -33.9320 Background



This preview shows how black text looks on a background with the YUV color 125.6910, -11.6797, -33.9320.



This preview shows how white text looks on a background with the YUV color 125.6910, -11.6797, -33.9320.

-33.9320.

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

125.6910, -11.6797, -33.9320

Protanopia

134.4300, -18.9460, 10.1469

Deuteranopia

135.9350, -14.7580, 20.2280



Tritanopia

131.2120, 11.7275, -28.2499

Trichromacy



Original Color

125.6910, -11.6797, -33.9320

Protanomaly

131.3140, -16.4238, -5.5374

Deuteranomaly

132.1560, -13.3879, 0.7402

Tritanomaly

129.6110, 3.1498, -30.3538

Monochromacy



Original Color

125.6910, -11.6797, -33.9320

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0710, -4.4720, -12.3403

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.6910, -11.6797, -33.9320 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(87, 150, 102)` looks like.

```
.text, #text, p{  
    color:rgb(87, 150, 102)  
}
```

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(87, 150, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 150, 102) }
```

Border

The CSS property to change the border of an element to YUV 125.6910, -11.6797, -33.9320 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(87, 150, 102) }
```


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

```
.border{ border-color:rgb(87, 150, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 150, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 150, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 150, 102);  
box-shadow:4px 4px 4px 4px rgb(87, 150,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 125.6910, -11.6797, -33.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 150, 102) }
```

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

```
.background{ background-color: rgb(87, 150,  
102) }
```

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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