

Converting Colors

YUV(125.0980, -8.9223,
-31.6579)

Have a look what the booklet for
YUV(125.0980, -8.9223, -31.6579)
contains.

YUV(125.0980, -8.9223, -31.6579)	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(125.0980, -8.9223,
-31.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	59936B
RGB	89, 147, 107
RGB Percent	35%, 58%, 42%
CMY	0.6510, 0.4235, 0.5804
CMYK	0.39, 0.00, 0.27, 0.42
HSL	139°, 25%, 46%
HSV	139°, 39%, 58%
XYZ	17.2074, 24.0528, 17.6457
YIQ	125.0980, -21.7280, -24.7360

Conversions

Conversions Part 2

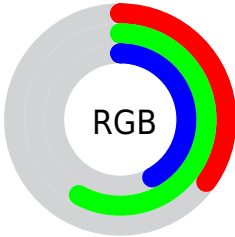
Format	Color
R _Y B	89, 133, 147
Decimal	5870443
CIE Lab	56.14, -28.10, 15.34
CIE LCh	56, 32.012, 151.368
Yxy	24.0528, 0.2921, 0.4083
Android (android.graphics.Color)	4284060523 (0xFF59936B)
YUV	125.0980, -8.9223, -31.6579
Hunter-Lab	49.0437, -23.1982, 12.9983

Details

The YUV color **125.0980, -8.9223, -31.6579** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **110.9020, 8.9223, 31.6579**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2720, -9.5011, -32.6875**, and **74.4400, -7.6119, -31.9579** is the 20% darker color. If you saturate the color by 10%, you get **119.4730, -11.0792, -39.8798**, and if you desaturate by 10%, it is **130.7230, -6.7654, -23.4361**.

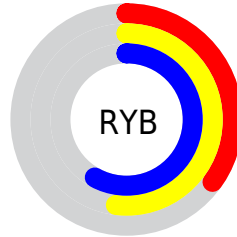
Distribution



Red (35%)

Green (58%)

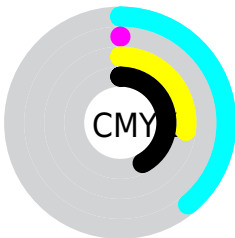
Blue (42%)



Red (35%)

Yellow (52%)

Blue (58%)

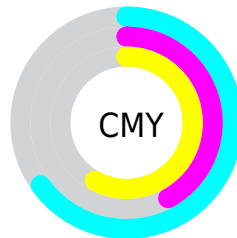


Cyan (39%)

Magenta (0%)

Yellow (27%)

Black (42%)



Cyan (65%)

Magenta (42%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.0980, -8.9223, -31.6579 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 125.0980, -8.9223, -31.6579 by changing the saturation by 10% instead.

■ 125.0980, -8.9223,
-31.6579

■ 125.0980, -8.9223,
-31.6579

■ 255.0000, 0.0000,
0.0000

■ 99.6250, -8.1961,
-31.2431

■ 178.2720, -9.5011,
-32.6875

■ 74.4400, -7.6119,
-31.9579

■ 206.4460,
-10.0799, -33.7171

■ 49.1730, -6.0013,
-35.2317

■ 232.5710, -9.6485,
-32.0728

■ 30.7010, -6.7546,
-26.9248

■ 244.5480, -1.2562,
-17.1436

■ 17.6100, -8.6817,
-15.4440

■ 254.7010, 0.1474,
-0.6148

■ 0.0000, 0.0000,
0.0000

■ 125.0980, -8.9223,
-31.6579

■ 125.0980, -8.9223,
-31.6579

■ 119.4730,
-11.0792, -39.8798

■ 130.7230, -6.7654,
-23.4361

■ 114.1470,
-13.3835, -47.4869

■ 136.0490, -4.4612,
-15.8290

■ 108.5220,
-15.5403, -55.7088

■ 141.6740, -2.3043,
-7.6071

■ 102.7830,
-18.1340, -63.8307

■ 147.4130, 0.2894,
0.5148

■ 97.4570, -20.4383,
-71.4378

■ 153.0380, 2.4463,
8.7367

■ 91.8320, -22.5952,
-79.6597

■ 158.3640, 4.7505,
16.3438

■ 91.5330, -22.4478,
-80.2744

■ 163.9890, 6.9074,
24.5656

■ 169.6140, 9.0643,

32.7875

■ 174.9400, 11.3686,
40.3946

Harmonies

Analogous

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



129.6360, -21.5125, -6.6968



125.0980, -8.9223, -31.6579



117.8030, 8.4781, -59.4632

Triad

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



125.0980, -8.9223, -31.6579



130.7830, 29.1940, -30.5047



136.2030, -14.3971, 44.5490

Complementary

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



125.0980, -8.9223, -31.6579



110.9020, 8.9223, 31.6579

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.



137.5200, -1.7354, 43.3940



125.0980, -8.9223, -31.6579



136.8580, 22.2550, 1.8785

Square

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



125.0980, -8.9223, -31.6579



118.8450, 31.6284, -64.7621



138.2760, 11.6959, 28.6989



134.6180, -23.9687, 34.5380

Rectangle

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



125.0980, -8.9223, -31.6579



110.9990, 21.1995, -79.8061



138.2760, 11.6959, 28.6989



136.6530, -10.1819, 45.9083

Sweetspot

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



125.0980, -8.9223, -31.6579



182.2990, -3.5984, -12.5402



135.3050, -22.8284, -4.6525



91.7880, -1.8675, -7.7071



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.



125.0980, -8.9223, -31.6579



157.0220, -13.8148, -49.1313



128.2900, 3.3080, -34.4573



71.3370, -1.1521, -3.8035



85.9080, -21.1536, -75.3413



6.2120, -1.5835, -5.4479

Inverse Universe

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



110.9020, 8.9223, 31.6579



134.9780, 13.8148, 49.1313



107.7100, -3.3080, 34.4573



69.6630, 1.1521, 3.8035



52.0920, 21.1536, 75.3413



3.7880, 1.5835, 5.4479

Previews

White Background



This preview shows how the YUV color 125.0980, -8.9223, -31.6579 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 125.0980, -8.9223, -31.6579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

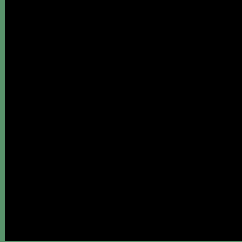
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.0980, -8.9223, -31.6579

Background



This preview shows how black text looks on a background with the YUV color 125.0980, -8.9223, -31.6579.



This preview shows how white text looks on a background with the YUV color 125.0980, -8.9223, -31.6579.

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

125.0980, -8.9223, -31.6579

Protanopia

132.9290, -15.7410, 8.8323

Deuteranopia

134.7220, -11.6949, 17.7838



Tritanopia

129.6960, 10.9959, -26.9204

Trichromacy



Original Color

125.0980, -8.9223, -31.6579

Protanomaly

130.1120, -13.3662, -6.2372

Deuteranomaly

131.5410, -10.6197, -0.4745

Tritanomaly

127.8500, 4.0180, -28.8094

Monochromacy



Original Color

125.0980, -8.9223, -31.6579

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0110, -3.4564, -11.4106

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.0980, -8.9223, -31.6579 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(89, 147, 107)` looks like.

```
.text, #text, p{  
    color:rgb(89, 147, 107)  
}
```

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(89, 147, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 147, 107) }
```

Border

The CSS property to change the border of an element to YUV 125.0980, -8.9223, -31.6579 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(89, 147, 107) }
```


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

```
.border{ border-color:rgb(89, 147, 107) }
```

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

Here you see how a box with a 4 pixel rgb(89, 147, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 147, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 147, 107);  
box-shadow:4px 4px 4px 4px rgb(89, 147,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 125.0980, -8.9223, -31.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 147, 107) }
```

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

```
.background{ background-color: rgb(89, 147,  
107) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor