

Converting Colors

YUV(133.5830, -57.9684,
19.6597)

Have a look what the booklet for
YUV(133.5830, -57.9684, 19.6597)
contains.

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Color

**YUV(133.5830, -57.9684,
19.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9110
RGB	156, 145, 16
RGB Percent	61%, 57%, 6%
CMY	0.3882, 0.4314, 0.9373
CMYK	0.00, 0.07, 0.90, 0.39
HSL	55°, 81%, 34%
HSV	55°, 90%, 61%
XYZ	23.9292, 27.3561, 4.5093
YIQ	133.5830, 47.9650, -37.7870

Conversions

Conversions Part 2

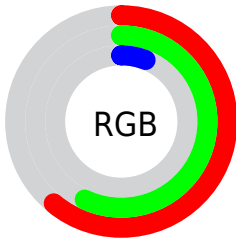
Format	Color
R_{YB}	28, 156, 16
Decimal	10260752
CIE _{Lab}	59.30, -8.86, 60.64
CIE _{LCh}	59, 61.280, 98.314
Yxy	27.3561, 0.4289, 0.4903
Android (android.graphics.Color)	4288450832 (0xFF9C9110)
YUV	133.5830, -57.9684, 19.6597
Hunter-Lab	52.3031, -9.8647, 31.5005

Details

The YUV color **133.5830, -57.9684, 19.6597** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **38.4170, 57.9684, -19.6597**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5770, -55.5005, 21.4190**, and **85.9640, -42.3803, 13.1866** is the 20% darker color. If you saturate the color by 10%, you get **131.1720, -64.6678, 21.7742**, and if you desaturate by 10%, it is **135.9940, -51.2690, 17.5453**.

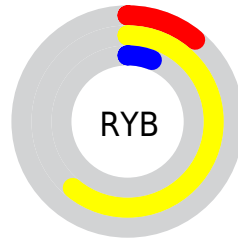
Distribution



Red (61%)

Green (57%)

Blue (6%)



Red (11%)

Yellow (61%)

Blue (6%)

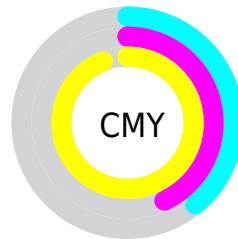


Cyan (0%)

Magenta (7%)

Yellow (90%)

Black (39%)



Cyan (39%)

Magenta (43%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5830, -57.9684, 19.6597 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 133.5830, -57.9684, 19.6597 by changing the saturation by 10% instead.

■ 133.5830,
-57.9684, 19.6597

■ 133.5830,
-57.9684, 19.6597

■ 255.0000, 0.0000,
0.0000

■ 108.7120,
-53.5950, 16.9156

■ 189.5770,
-55.5005, 21.4190

■ 85.9640, -42.3803,
13.1866

■ 217.4740,
-55.9427, 23.2633

■ 64.3900, -31.7443,
8.4280

■ 240.8640,
-54.1630, 12.3973

■ 43.1150, -21.2557,
4.2841

■ 244.0560,
-41.9326, 9.5979

■ 23.9000, -11.7827,
-0.7893

■ 247.2480,
-29.7023, 6.7985

■ 0.0000, 0.0000,
0.0000

■ 250.5540,

-17.0351, 3.8991

■ 253.8600, -4.3680,
0.9998

■ 133.5830,
-57.9684, 19.6597

■ 133.5830,
-57.9684, 19.6597

■ 131.1720,
-64.6678, 21.7742

■ 135.9940,
-51.2690, 17.5453

■ 138.2910,
-45.0065, 15.5308

■ 141.2890,
-38.5965, 12.9015

■ 143.5860,
-32.3339, 10.8871

■ 145.9970,
-25.6345, 8.7726

■ 148.4080,
-18.9351, 6.6582

■ 151.2920,
-12.9620, 4.1289

■ 153.7030, -6.2626,
2.0145

■ 156.0000, 0.0000,
0.0000

Harmonies

Analogous

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



138.1650, -50.3673, 55.1063



133.5830, -57.9684, 19.6597



127.8620, -37.8930, -26.1890

Triad

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



133.5830, -57.9684, 19.6597



121.7410, 42.5257, -106.7669



144.5700, 19.4390, 65.2751

Complementary

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



133.5830, -57.9684, 19.6597



38.4170, 57.9684, -19.6597

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.



146.6420, 40.1095, 15.2230



133.5830, -57.9684, 19.6597



121.0350, 60.1287, -106.1477

Square

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



133.5830, -57.9684, 19.6597



116.5140, 19.9596, -102.1828



125.8850, 61.1887, -72.6901



139.4100, -4.6391, 88.2174

Rectangle

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



133.5830, -57.9684, 19.6597



115.2980, -15.9229, -73.0523



125.8850, 61.1887, -72.6901



146.3170, 26.4657, 51.4650

Sweetspot

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



133.5830, -57.9684, 19.6597



195.3820, -22.8663, 7.5580



59.2280, -15.3954, 84.8690



96.4770, -13.5462, 4.8437



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



133.5830, -57.9684, 19.6597



171.3520, -84.4765, 28.6323



122.6980, -52.6021, -21.6601



77.5010, -3.2050, 1.3146



120.2410, -59.2788, 19.9596



12.7030, -6.2626, 2.0145

Inverse Universe

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



38.4170, 57.9684, -19.6597



32.6480, 84.4765, -28.6323



49.3020, 52.6021, 21.6601



72.4990, 3.2050, -1.3146



22.7590, 59.2788, -19.9596



2.2970, 6.2626, -2.0145

Previews

White Background



This preview shows how the YUV color 133.5830, -57.9684, 19.6597 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 133.5830, -57.9684, 19.6597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

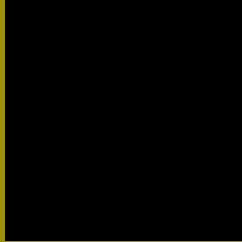
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.5830, -57.9684, 19.6597

Background



This preview shows how black text looks on a background with the YUV color 133.5830, -57.9684, 19.6597.



This preview shows how white text looks on a background with the YUV color 133.5830, -57.9684, 19.6597.

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

133.5830, -57.9684, 19.6597

Protanopia

133.7900, -58.5635, 23.8632

Deuteranopia

135.9150, -54.6811, 38.6625



Tritanopia

145.1100, -0.0542, 17.4435

Trichromacy



Original Color

133.5830, -57.9684, 19.6597

Protanomaly

133.7790, -58.5580, 22.1188

Deuteranomaly

135.2300, -55.8224, 31.3703

Tritanomaly

141.2030, -21.2991, 18.2390

Monochromacy



Original Color

133.5830, -57.9684, 19.6597

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8380, -21.1191, 7.1581

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5830, -57.9684, 19.6597 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(156, 145, 16)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 16)  
}
```

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(156, 145, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 16) }
```

Border

The CSS property to change the border of an element to YUV 133.5830, -57.9684, 19.6597 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(156, 145, 16) }
```


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

```
.border{ border-color:rgb(156, 145, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 16);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 133.5830, -57.9684, 19.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 16) }
```

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

```
.background{ background-color: rgb(156,  
145, 16) }
```

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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