

Converting Colors

YUV(94.8890, 31.6067,
-57.7847)

Have a look what the booklet for
YUV(94.8890, 31.6067, -57.7847)
contains.

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Color

**YUV(94.8890, 31.6067,
-57.7847)**

Conversions

Conversions Part 1

Format	Color
Hex	1D749F
RGB	29, 116, 159
RGB Percent	11%, 45%, 62%
CMY	0.8863, 0.5451, 0.3765
CMYK	0.82, 0.27, 0.00, 0.38
HSL	200°, 69%, 37%
HSV	200°, 82%, 62%
XYZ	13.0101, 15.2552, 35.0597
YIQ	94.8890, -65.6550, -5.0710

Conversions

Conversions Part 2

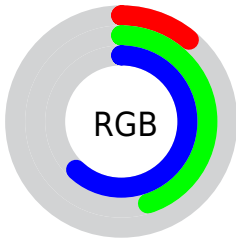
Format	Color
R _Y B	29, 81, 159
Decimal	1930399
CIE Lab	45.98, -9.48, -30.22
CIE LCh	46, 31.669, 252.580
Yxy	15.2552, 0.2054, 0.2409
Android (android.graphics.Color)	4280120479 (0xFF1D749F)
YUV	94.8890, 31.6067, -57.7847
Hunter-Lab	39.0579, -8.8934, -25.8802

Details

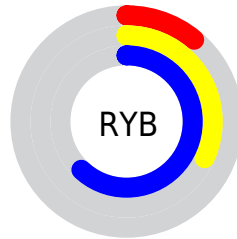
The YUV color **94.8890, 31.6067, -57.7847** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **93.1110, -31.6067, 57.7847**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.7160, 30.7060, -48.8629**, and **52.1140, 27.0588, -45.7040** is the 20% darker color. If you saturate the color by 10%, you get **87.1700, 35.4122, -65.0471**, and if you desaturate by 10%, it is **102.6080, 27.8013, -50.5222**.

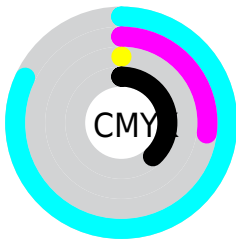
Distribution



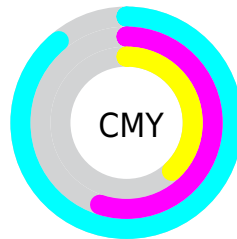
- Red (11%)
- Green (45%)
- Blue (62%)



- Red (11%)
- Yellow (32%)
- Blue (62%)



- Cyan (82%)
- Magenta (27%)
- Yellow (0%)
- Black (38%)



- Cyan (89%)
- Magenta (55%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8890, 31.6067, -57.7847 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 94.8890, 31.6067, -57.7847 by changing the saturation by 10% instead.

■ 94.8890, 31.6067,
-57.7847

■ 94.8890, 31.6067,
-57.7847

■ 255.0000, 0.0000,
0.0000

■ 68.5790, 31.7596,
-60.1438

■ 151.7160, 30.7060,
-48.8629

■ 52.1140, 27.0588,
-45.7040

■ 179.4280, 30.8480,
-47.7334

■ 36.4640, 22.9422,
-31.9789

■ 206.0170, 24.1486,
-45.6189

■ 21.9880, 18.2469,
-19.2835

■ 231.7110, 11.4815,
-42.7195

■ 5.5060, 16.0195,
-4.8288

■ 242.1430, 6.3385,
-26.4354

■ 2.1830, 5.8258,
-1.9145

■ 251.1130, 1.9163,

■ 0.0000, 0.0000,

-7.9921

0.0000

■ 94.8890, 31.6067,
-57.7847

■ 94.8890, 31.6067,
-57.7847

■ 87.1700, 35.4122,
-65.0471

■ 102.6080, 27.8013,
-50.5222

■ 80.3480, 38.7754,
-70.4652

■ 110.9140, 23.7064,
-43.7746

■ 118.6330, 19.9009,
-36.5121

■ 126.3520, 16.0955,
-29.2497

■ 134.0710, 12.2900,
-21.9873

■ 142.0780, 8.3425,
-15.8544

■ 149.7970, 4.5371,
-8.5920

■ 157.5160, 0.7316,
-1.3295

■ 165.2350, -3.0739,
5.9329

Harmonies

Analogous

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



87.4430, 27.8826, -76.6875



94.8890, 31.6067, -57.7847



107.6490, 25.8090, -18.1092

Triad

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



94.8890, 31.6067, -57.7847



110.7820, -5.8085, 43.1642



102.5470, -16.5387, -15.3887

Complementary

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



94.8890, 31.6067, -57.7847



93.1110, -31.6067, 57.7847

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.



105.9260, -24.6135, 7.9579



94.8890, 31.6067, -57.7847



109.3720, -17.4384, 40.0158

Square

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



94.8890, 31.6067, -57.7847



111.9300, 6.4435, 33.3874



108.0470, -24.6732, 27.1458



96.7530, -2.3432, -41.8794

Rectangle

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



94.8890, 31.6067, -57.7847



110.9290, 21.2340, 2.6933



108.0470, -24.6732, 27.1458



103.9780, -20.2022, -6.9967

Sweetspot

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



94.8890, 31.6067, -57.7847



180.8860, 12.8742, -22.7020



109.9840, -19.7121, -71.0230



88.9750, 7.9003, -14.0101



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



94.8890, 31.6067, -57.7847



106.9740, 49.3128, -90.3082



57.9080, 49.8384, -25.3523



74.8470, 2.0474, -3.3738



72.6540, 34.6806, -63.7176



7.5800, 3.6581, -6.6477

Inverse Universe

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



77.7880, 18.8385, 71.2229



80.2010, 29.4809, 111.2027



130.0920, -49.8384, 25.3523



73.9620, 1.0047, 4.4183



53.7010, 20.8534, 78.3152



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 94.8890, 31.6067, -57.7847 looks on a white 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

Black Background



This preview shows how the YUV color 94.8890, 31.6067, -57.7847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

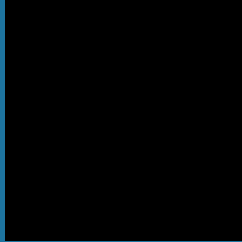
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.8890, 31.6067, -57.7847

Background



This preview shows how black text looks on a background with the YUV color 94.8890, 31.6067, -57.7847.



This preview shows how white text looks on a background with the YUV color 94.8890, 31.6067,

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

94.8890, 31.6067, -57.7847

Protanopia

108.5420, 21.4248, -11.8763

Deuteranopia

107.1650, 26.5407, -19.4387



Tritanopia

85.8470, 21.7674, -75.2878

Trichromacy



Original Color

94.8890, 31.6067, -57.7847

Protanomaly

103.4690, 25.4048, -28.4753

Deuteranomaly

102.8320, 28.1838, -33.1787

Tritanomaly

89.2160, 25.5295, -68.5954

Monochromacy



Original Color

94.8890, 31.6067, -57.7847

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.1420, 11.2690, -21.1725

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8890, 31.6067, -57.7847 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(29, 116, 159)` looks like.

```
.text, #text, p{  
    color:rgb(29, 116, 159)  
}
```

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(29, 116, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 116, 159) }
```

Border

The CSS property to change the border of an element to YUV 94.8890, 31.6067, -57.7847 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(29, 116, 159) }
```


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

```
.border{ border-color:rgb(29, 116, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 116, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 116, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 116, 159);  
box-shadow:4px 4px 4px 4px rgb(29, 116,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 94.8890, 31.6067, -57.7847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 116, 159) }
```

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

```
.background{ background-color: rgb(29, 116,  
159) }
```

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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