

Converting Colors

YUV(67.9780, 9.8708, -39.4457)

Have a look what the booklet for
YUV(67.9780, 9.8708, -39.4457)
contains.

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Color

**YUV(67.9780, 9.8708,
-39.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	175758
RGB	23, 87, 88
RGB Percent	9%, 34%, 35%
CMY	0.9098, 0.6588, 0.6549
CMYK	0.74, 0.01, 0.00, 0.65
HSL	181°, 59%, 22%
HSV	181°, 74%, 35%
XYZ	5.5230, 7.7031, 10.4283
YIQ	67.9780, -38.4650, -13.2570

Conversions

Conversions Part 2

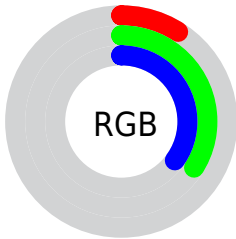
Format	Color
R_{YB}	23, 55, 88
Decimal	1529688
CIE _{Lab}	33.36, -19.08, -6.41
CIE _{LCh}	33, 20.128, 198.563
Yxy	7.7031, 0.2335, 0.3257
Android (android.graphics.Color)	4279719768 (0xFF175758)
YUV	67.9780, 9.8708, -39.4457
Hunter-Lab	27.7545, -13.0499, -2.8490

Details

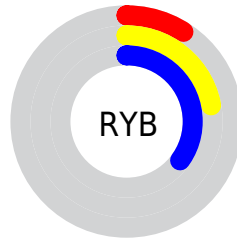
The YUV color **67.9780, 9.8708, -39.4457** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **43.0220, -9.8708, 39.4457**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.4730, 9.1338, -36.3718**, and **28.9690, 6.9173, -25.4058** is the 20% darker color. If you saturate the color by 10%, you get **65.2870, 11.1975, -44.9787**, and if you desaturate by 10%, it is **70.6690, 8.5442, -33.9127**.

Distribution



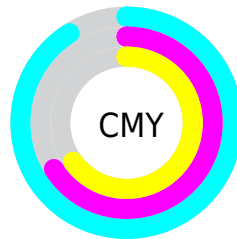
- Red (9%)
- Green (34%)
- Blue (35%)



- Red (9%)
- Yellow (22%)
- Blue (35%)



- Cyan (74%)
- Magenta (1%)
- Yellow (0%)
- Black (65%)



- Cyan (91%)
- Magenta (66%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9780, 9.8708, -39.4457 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 67.9780, 9.8708, -39.4457 by changing the saturation by 10% instead.

67.9780, 9.8708,
-39.4457

67.9780, 9.8708,
-39.4457

255.0000, 0.0000,
0.0000

44.3910, 10.1602,
-38.9309

119.4730, 9.1338,
-36.3718

28.9690, 6.9173,
-25.4058

146.0600, 8.8444,
-36.8866

14.8350, 3.5323,
-13.0103

173.0600, 8.8444,
-36.8866

0.0000, 0.0000,
0.0000

200.7610, 8.9918,
-37.5014

228.7610, 8.9918,
-37.5014

242.7410, 6.0437,

-25.2059

251.4120, 1.7689,
-7.3773

67.9780, 9.8708,
-39.4457

67.9780, 9.8708,
-39.4457

65.2870, 11.1975,
-44.9787

70.6690, 8.5442,
-33.9127

62.5960, 12.5242,
-50.5117

73.3600, 7.2175,
-28.3797

61.1010, 13.2612,
-53.5856

75.7520, 6.0383,
-23.4615

79.0300, 4.4222,
-18.4433

81.7210, 3.0955,
-12.9103

■ 84.4120, 1.7689,
-7.3773

■ 87.1030, 0.4422,
-1.8443

■ 89.4950, -0.7370,
3.0739

■ 92.1860, -2.0637,
8.6069

Harmonies

Analogous

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



71.5360, 0.2288, -26.7801



67.9780, 9.8708, -39.4457



68.4000, 16.5648, -39.8158

Triad

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



67.9780, 9.8708, -39.4457



80.8840, 9.4242, 10.6257



77.7880, -15.1785, 15.0949

Complementary

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



67.9780, 9.8708, -39.4457



43.0220, -9.8708, 39.4457

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.



79.0540, -11.8586, 23.6316



67.9780, 9.8708, -39.4457



80.7130, 2.1135, 22.1767

Square

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



67.9780, 9.8708, -39.4457



79.0390, 14.2778, -6.1732



80.0850, -5.4649, 26.2355



76.6400, -14.1195, 2.0697

Rectangle

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



67.9780, 9.8708, -39.4457



72.3950, 17.5533, -30.1644



80.0850, -5.4649, 26.2355



78.6250, -14.6051, 17.8689

Sweetspot

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



67.9780, 9.8708, -39.4457



106.9380, 3.9746, -14.8546



61.1550, -18.8104, -33.4619



53.6290, 2.6479, -9.3216



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



67.9780, 9.8708, -39.4457



83.3280, 15.6143, -61.6777



49.1940, 19.1314, -22.9721



41.8040, 0.5896, -2.4591



73.8330, 16.3513, -64.7515



162.3870, 35.7982, -142.4134

Inverse Universe

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



49.7310, 18.3736, 33.5619



54.8980, 28.6443, 52.7095



61.2190, -18.8420, 23.4869



40.6520, 1.1576, 2.0592



43.9630, 30.0912, 55.2834



96.5990, 66.2597, 121.3777

Previews

White Background



This preview shows how the YUV color 67.9780, 9.8708, -39.4457 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 ✓ Pass

Black Background



This preview shows how the YUV color 67.9780, 9.8708, -39.4457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

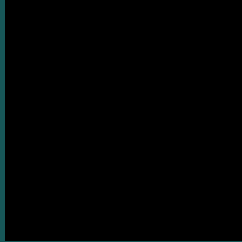
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.9780, 9.8708, -39.4457

Background



This preview shows how black text looks on a background with the YUV color 67.9780, 9.8708, -39.4457.



This preview shows how white text looks on a background with the YUV color 67.9780, 9.8708, -39.4457.

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

67.9780, 9.8708, -39.4457

Protanopia

78.4560, 1.7472, -0.3999

Deuteranopia

78.7920, 5.5255, 1.0594



Tritanopia

69.1570, 11.7546, -36.9717

Trichromacy



Original Color

67.9780, 9.8708, -39.4457

Protanomaly

74.4650, 4.7008, -14.4398

Deuteranomaly

74.7470, 7.0267, -13.8101

Tritanomaly

68.6300, 11.0284, -37.3865

Monochromacy



Original Color

67.9780, 9.8708, -39.4457

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9780, 9.8708, -39.4457 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(23, 87, 88)` looks like.

```
.text, #text, p{  
    color:rgb(23, 87, 88)  
}
```

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(23, 87, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 87, 88) }
```

Border

The CSS property to change the border of an element to YUV 67.9780, 9.8708, -39.4457 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(23, 87, 88) }
```


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

```
.border{ border-color:rgb(23, 87, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 87, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 87, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 87, 88);  
box-shadow:4px 4px 4px 4px rgb(23, 87, 88)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.9780, 9.8708, -39.4457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 87, 88) }
```

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

```
.background{ background-color: rgb(23, 87,  
88) }
```

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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