

Converting Colors

YUV(74.9780, 9.8708, -39.4457)

Have a look what the booklet for
YUV(74.9780, 9.8708, -39.4457)
contains.

YUV(74.9780, 9.8708, -39.4457)	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(74.9780, 9.8708,
-39.4457)**

Conversions

Conversions Part 1

Format	Color
Hex	1E5E5F
RGB	30, 94, 95
RGB Percent	12%, 37%, 37%
CMY	0.8824, 0.6314, 0.6275
CMYK	0.68, 0.01, 0.00, 0.63
HSL	181°, 52%, 25%
HSV	181°, 68%, 37%
XYZ	6.6037, 9.1076, 12.2364
YIQ	74.9780, -38.4650, -13.2570

Conversions

Conversions Part 2

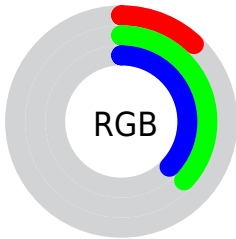
Format	Color
R_{YB}	30, 62, 95
Decimal	1990239
CIE _{Lab}	36.19, -19.41, -6.53
CIE _{LCh}	36, 20.479, 198.597
Yxy	9.1076, 0.2363, 0.3259
Android (android.graphics.Color)	4280180319 (0xFF1E5E5F)
YUV	74.9780, 9.8708, -39.4457
Hunter-Lab	30.1789, -13.7540, -2.9146




Details

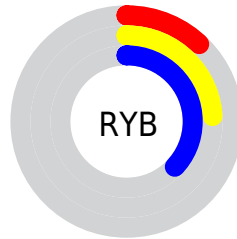
The YUV color **74.9780, 9.8708, -39.4457** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **50.0220, -9.8708, 39.4457**, and the grayscale version is **75.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **126.7610, 8.9918, -37.5014**, and **33.1750, 7.8017, -29.0945** is the 20% darker color. If you saturate the color by 10%, you get **72.2870, 11.1975, -44.9787**, and if you desaturate by 10%, it is **77.9680, 8.3968, -33.2979**.

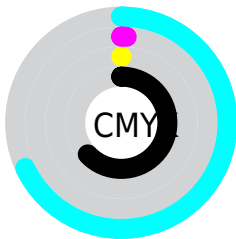
Distribution







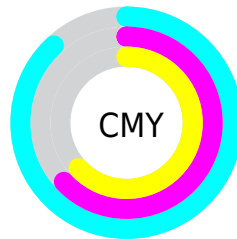
-  Red (12%)
-  Green (37%)
-  Blue (37%)






-  Red (12%)
-  Yellow (24%)
-  Blue (37%)



-  Cyan (68%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (88%)
-  Magenta (63%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.9780, 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 74.9780, 9.8708, -39.4457 by changing the saturation by 10% instead.

74.9780, 9.8708,
-39.4457

74.9780, 9.8708,
-39.4457

255.0000, 0.0000,
0.0000

49.1840, 10.7553,
-43.1344

126.7610, 8.9918,
-37.5014

33.1750, 7.8017,
-29.0945

152.8750, 9.4286,
-37.6014

19.6280, 4.1274,
-17.2138

180.4620, 9.1392,
-38.1162

0.0000, 0.0000,
0.0000

208.4620, 9.1392,
-38.1162

236.4620, 9.1392,
-38.1162

244.8340, 5.0118,

-20.9024

253.5050, 0.7370,
-3.0739

74.9780, 9.8708,
-39.4457

74.9780, 9.8708,
-39.4457

72.2870, 11.1975,
-44.9787

77.9680, 8.3968,
-33.2979

69.2970, 12.6716,
-51.1265

80.6590, 7.0701,
-27.7649

66.6060, 13.9982,
-56.6595

83.6490, 5.5960,
-21.6172

66.0080, 14.2931,
-57.8890

86.9270, 3.9800,
-16.5990

89.9170, 2.5059,
-10.4512

■ 92.6080, 1.1793,
-4.9182

■ 95.5980, -0.2948,
1.2296

■ 98.2890, -1.6215,
6.7625

■ 101.2790, -3.0955,
12.9103

Harmonies

Analogous

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



78.1230, -0.0606, -27.2949



74.9780, 9.8708, -39.4457



75.6990, 16.4174, -39.2010

Triad

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



74.9780, 9.8708, -39.4457



87.2970, 9.7136, 11.1405



84.6740, -15.6153, 15.1949

Complementary

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



74.9780, 9.8708, -39.4457



50.0220, -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.



85.3530, -12.0060, 24.2464



74.9780, 9.8708, -39.4457



87.1260, 2.4029, 22.6915

Square

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



74.9780, 9.8708, -39.4457



85.2670, 15.1514, -6.3732



86.6830, -5.7597, 27.4650



82.9390, -14.2669, 2.6845

Rectangle

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



74.9780, 9.8708, -39.4457



79.0960, 17.7007, -30.7792



86.6830, -5.7597, 27.4650



84.9240, -14.7525, 18.4837

Sweetspot

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



74.9780, 9.8708, -39.4457



114.5250, 3.6852, -15.3694



68.1550, -18.8104, -33.4619



56.5150, 2.2111, -9.2217



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



74.9780, 9.8708, -39.4457



91.5130, 15.0301, -60.9629



56.7810, 18.8420, -23.4869



46.8040, 0.5896, -2.4591



77.3380, 17.0884, -67.8254



165.8920, 36.5352, -145.4873

Inverse Universe

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



56.7310, 18.3736, 33.5619



63.1860, 28.5023, 51.5799



68.8060, -19.1314, 22.9721



45.6520, 1.1576, 2.0592



46.0280, 31.5382, 57.8574



98.6640, 67.7066, 123.9517

Previews

White Background



This preview shows how the YUV color 74.9780, 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 74.9780, 9.8708, -39.4457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

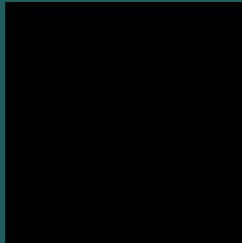
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.9780, 9.8708, -39.4457

Background



This preview shows how black text looks on a background with the YUV color 74.9780, 9.8708, -39.4457.



This preview shows how white text looks on a background with the YUV color 74.9780, 9.8708,

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

74.9780, 9.8708, -39.4457

Protanopia

84.8690, 2.0366, 0.1149

Deuteranopia

85.7920, 5.5255, 1.0594



Tritanopia

75.9720, 12.3388, -37.6864

Trichromacy



Original Color

74.9780, 9.8708, -39.4457

Protanomaly

81.4650, 4.7008, -14.4398

Deuteranomaly

81.7470, 7.0267, -13.8101

Tritanomaly

75.4450, 11.6126, -38.1013

Monochromacy



Original Color

74.9780, 9.8708, -39.4457

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1230, 3.3904, -14.1399

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.9780, 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(30, 94, 95)` looks like.

```
.text, #text, p{  
    color:rgb(30, 94, 95)  
}
```

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(30, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 94, 95) }
```

Border

The CSS property to change the border of an element to YUV 74.9780, 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(30, 94, 95) }
```


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

```
.border{ border-color:rgb(30, 94, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 94, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(30, 94, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.9780, 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(30, 94, 95) }
```

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

```
.background{ background-color: rgb(30, 94,  
95) }
```

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