

Converting Colors

YUV(75.8940, 13.8563,
-57.7890)

Have a look what the booklet for
YUV(75.8940, 13.8563, -57.7890)
contains.

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Color

**YUV(75.8940, 13.8563,
-57.7890)**

Conversions

Conversions Part 1

Format	Color
Hex	0A6868
RGB	10, 104, 104
RGB Percent	4%, 41%, 41%
CMY	0.9608, 0.5922, 0.5922
CMYK	0.90, 0.00, 0.00, 0.59
HSL	180°, 82%, 22%
HSV	180°, 90%, 41%
XYZ	7.5742, 10.9646, 14.8139
YIQ	75.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

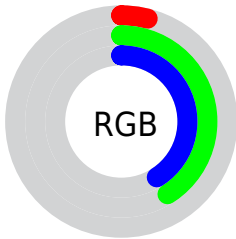
Format	Color
RYB	10, 57, 104
Decimal	682088
CIELab	39.52, -24.15, -7.14
CIELCh	40, 25.183, 196.468
Yxy	10.9646, 0.2271, 0.3287
Android (android.graphics.Color)	4278872168 (0xFF0A6868)
YUV	75.8940, 13.8563, -57.7890
Hunter-Lab	33.1129, -17.1178, -3.3459

Details

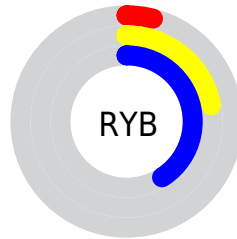
The YUV color **75.8940, 13.8563, -57.7890** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **38.1060, -13.8563, 57.7890**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2650, 11.2084, -48.4674**, and **39.3700, 8.6916, -34.5275** is the 20% darker color. If you saturate the color by 10%, you get **72.9040, 15.3303, -63.9368**, and if you desaturate by 10%, it is **78.8840, 12.3822, -51.6413**.

Distribution



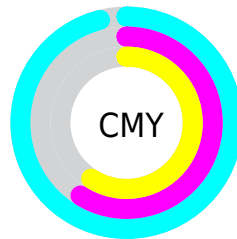
- Red (4%)
- Green (41%)
- Blue (41%)



- Red (4%)
- Yellow (22%)
- Blue (41%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (96%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8940, 13.8563, -57.7890 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 75.8940, 13.8563, -57.7890 by changing the saturation by 10% instead.

75.8940, 13.8563,
-57.7890

75.8940, 13.8563,
-57.7890

255.0000, 0.0000,
0.0000

56.0800, 11.7926,
-49.1822

132.2650, 11.2084,
-48.4674

39.3700, 8.6916,
-34.5275

159.5640, 11.0609,
-47.8526

24.6490, 5.5960,
-21.6172

186.5640, 11.0609,
-47.8526

2.2970, 6.2626,
-2.0145

215.2650, 11.2084,
-48.4674

0.0000, 0.0000,
0.0000

235.2660, 9.7289,
-40.5753

243.6380, 5.6015,

-23.3615

252.6080, 1.1793,
-4.9182

75.8940, 13.8563,
-57.7890

75.8940, 13.8563,
-57.7890

72.9040, 15.3303,
-63.9368

78.8840, 12.3822,
-51.6413

82.1730, 10.7607,
-44.8787

85.1630, 9.2866,
-38.7310

88.4520, 7.6652,
-31.9684

91.4420, 6.1911,
-25.8206

■ 94.4320, 4.7170,
-19.6729

■ 97.7210, 3.0955,
-12.9103

■ 100.7110, 1.6215,
-6.7625

■ 104.0000, 0.0000,
0.0000

Harmonies

Analogous

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



83.3780, -0.1864, -33.6575



75.8940, 13.8563, -57.7890



74.0810, 23.6241, -64.0920

Triad

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



75.8940, 13.8563, -57.7890



95.6930, 12.4764, 11.6702



92.6700, -19.5573, 19.5834

Complementary

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



75.8940, 13.8563, -57.7890



38.1060, -13.8563, 57.7890

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.



93.7020, -14.6431, 30.0793



75.8940, 13.8563, -57.7890



95.5010, 3.6970, 27.6246

Square

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



75.8940, 13.8563, -57.7890



92.9830, 19.2354, -9.6321



94.3140, -6.0708, 33.9276



90.2120, -18.3455, 4.1991

Rectangle

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



75.8940, 13.8563, -57.7890



83.0880, 23.1276, -44.8042



94.3140, -6.0708, 33.9276



92.7460, -18.1158, 23.9018

Sweetspot

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



75.8940, 13.8563, -57.7890



124.2360, 5.3067, -22.1320



65.1780, -27.2028, -48.3911



62.4220, 3.2430, -13.5251



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



75.8940, 13.8563, -57.7890



94.6350, 19.8999, -82.9949



48.3050, 27.4576, -33.5935



49.5050, 0.7370, -3.0739



80.6150, 16.9518, -70.6994



169.6420, 35.6725, -148.7760

Inverse Universe

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



48.8220, 27.2028, 48.3911



55.7550, 39.0678, 69.4979



65.6950, -27.4576, 33.5935



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 75.8940, 13.8563, -57.7890 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 75.8940, 13.8563, -57.7890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

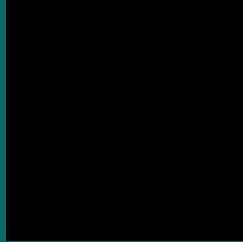
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8940, 13.8563, -57.7890

Background



This preview shows how black text looks on a background with the YUV color 75.8940, 13.8563, -57.7890.



This preview shows how white text looks on a background with the YUV color 75.8940, 13.8563,

-57.7890.

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

75.8940, 13.8563, -57.7890

Protanopia

92.8690, 2.0366, 0.1149

Deuteranopia

94.0200, 6.3991, 0.8595



Tritanopia

79.3940, 15.5818, -51.2115

Trichromacy



Original Color

75.8940, 13.8563, -57.7890

Protanomaly

86.5890, 6.6116, -20.6876

Deuteranomaly

87.5720, 9.0850, -20.6726

Tritanomaly

77.8560, 14.8610, -53.3707

Monochromacy



Original Color

75.8940, 13.8563, -57.7890

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8340, 5.0118, -20.9024

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8940, 13.8563, -57.7890 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(10, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(10, 104, 104)  
}
```

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(10, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 104, 104) }
```

Border

The CSS property to change the border of an element to YUV 75.8940, 13.8563, -57.7890 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(10, 104, 104) }
```


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

```
.border{ border-color:rgb(10, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(10, 104,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 75.8940, 13.8563, -57.7890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 104, 104) }
```

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

```
.background{ background-color: rgb(10, 104,  
104) }
```

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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