

Converting Colors

YUV(89.5380, 10.5808,
-33.7978)

Have a look what the booklet for
YUV(89.5380, 10.5808, -33.7978)
contains.

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Color

**YUV(89.5380, 10.5808,
-33.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	33696F
RGB	51, 105, 111
RGB Percent	20%, 41%, 44%
CMY	0.8000, 0.5882, 0.5647
CMYK	0.54, 0.05, 0.00, 0.56
HSL	186°, 37%, 32%
HSV	186°, 54%, 44%
XYZ	9.2861, 11.9547, 16.8570
YIQ	89.5380, -34.1100, -9.5820

Conversions

Conversions Part 2

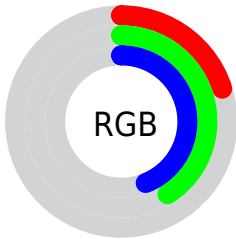
Format	Color
RYB	51, 79, 111
Decimal	3369327
CIELab	41.14, -16.02, -8.87
CIElCh	41, 18.314, 208.959
Yxy	11.9547, 0.2437, 0.3138
Android (android.graphics.Color)	4281559407 (0xFF33696F)
YUV	89.5380, 10.5808, -33.7978
Hunter-Lab	34.5755, -12.5668, -4.7035

Details

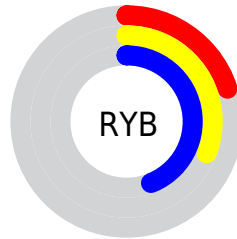
The YUV color **89.5380, 10.5808, -33.7978** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.4620, -10.5808, 33.7978**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9510, 10.8702, -33.2830**, and **41.2280, 10.7336, -36.1570** is the 20% darker color. If you saturate the color by 10%, you get **85.6620, 12.4916, -40.0456**, and if you desaturate by 10%, it is **93.4140, 8.6699, -27.5501**.

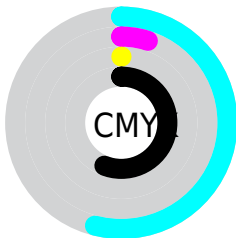
Distribution



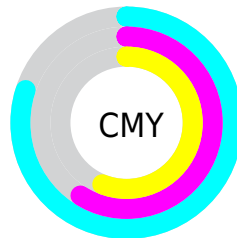
- Red (20%)
- Green (41%)
- Blue (44%)



- Red (20%)
- Yellow (31%)
- Blue (44%)



- Cyan (54%)
- Magenta (5%)
- Yellow (0%)
- Black (56%)



- Cyan (80%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5380, 10.5808, -33.7978 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 89.5380, 10.5808, -33.7978 by changing the saturation by 10% instead.

■ 89.5380, 10.5808,
-33.7978

■ 89.5380, 10.5808,
-33.7978

■ 255.0000, 0.0000,
0.0000

■ 64.3420, 11.1704,
-36.2569

■ 140.9510, 10.8702,
-33.2830

■ 41.2280, 10.7336,
-36.1570

■ 167.6520, 11.0176,
-33.8978

■ 25.8060, 7.4906,
-22.6319

■ 195.2390, 10.7282,
-34.4126

■ 7.6770, 6.5682,
-6.7327

■ 223.3530, 11.1650,
-34.5126

■ 0.0000, 0.0000,
0.0000

■ 242.1430, 6.3385,
-26.4354

■ 250.8140, 2.0637,

-8.6069

■ 89.5380, 10.5808,
-33.7978

■ 89.5380, 10.5808,
-33.7978

■ 85.6620, 12.4916,
-40.0456

■ 93.4140, 8.6699,
-27.5501

■ 81.7860, 14.4025,
-46.2933

■ 97.2900, 6.7590,
-21.3023

■ 77.9100, 16.3134,
-52.5411

■ 101.1660, 4.8482,
-15.0546

■ 74.0340, 18.2242,
-58.7888

■ 105.0420, 2.9373,
-8.8068

■ 71.3540, 19.5455,
-62.5775

■ 109.8040, 0.5896,
-2.4591

■ 113.6800, -1.3212,
3.7886

■ 117.5560, -3.2321,
10.0364

■ 121.4320, -5.1430,
16.2841

■ 125.3080, -7.0538,
22.5319

Harmonies

Analogous

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



90.2200, 2.8495, -27.3799



89.5380, 10.5808, -33.7978



91.7110, 14.9325, -29.5645

Triad

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



89.5380, 10.5808, -33.7978



99.8090, 6.5032, 14.1995



96.2820, -14.4360, 10.2767

Complementary

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



89.5380, 10.5808, -33.7978



72.4620, -10.5808, 33.7978

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.



97.8040, -12.7214, 20.3429



89.5380, 10.5808, -33.7978



99.3280, -0.6547, 23.3913

Square

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



89.5380, 10.5808, -33.7978



98.2140, 12.2195, 0.6893



98.5040, -7.6435, 24.9910



94.7750, -12.2141, -2.4337

Rectangle

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



89.5380, 10.5808, -33.7978



93.9940, 15.7790, -21.0427



98.5040, -7.6435, 24.9910



96.7170, -14.1575, 14.2802

Sweetspot

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



89.5380, 10.5808, -33.7978



136.9490, 3.9691, -13.1103



86.9040, -14.7427, -31.4878



69.2270, 2.3531, -8.0921



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



89.5380, 10.5808, -33.7978



111.6110, 16.4608, -53.1558



71.9280, 19.2625, -18.3539



54.2060, 0.8844, -3.6887



77.0760, 21.1615, -67.5957



159.0590, 43.3549, -139.4947

Inverse Universe

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



75.0960, 14.7427, 31.4878



88.7960, 23.2716, 49.2909



90.0720, -19.2625, 18.3539



52.4780, 1.7363, 3.0888



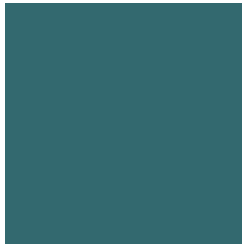
48.1920, 29.4853, 62.9756



99.2750, 60.9964, 129.5548

Previews

White Background



This preview shows how the YUV color 89.5380, 10.5808, -33.7978 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 89.5380, 10.5808, -33.7978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

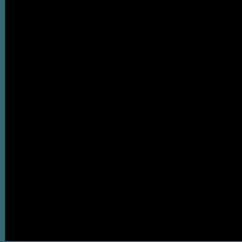
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5380, 10.5808, -33.7978

Background



This preview shows how black text looks on a background with the YUV color 89.5380, 10.5808, -33.7978.



This preview shows how white text looks on a background with the YUV color 89.5380, 10.5808,

-33.7978.

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

89.5380, 10.5808, -33.7978

Protanopia

97.0260, 3.9312, -0.8998

Deuteranopia

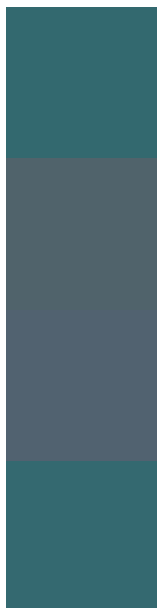
97.3620, 7.7095, 0.5595



Tritanopia

90.0650, 11.3070, -33.3830

Trichromacy



Original Color

89.5380, 10.5808, -33.7978

Protanomaly

94.2310, 6.2951, -12.4806

Deuteranomaly

94.5130, 8.6211, -11.8509

Tritanomaly

89.9510, 10.8702, -33.2830

Monochromacy



Original Color

89.5380, 10.5808, -33.7978

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6610, 4.1111, -11.9807

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5380, 10.5808, -33.7978 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(51, 105, 111)` looks like.

```
.text, #text, p{  
    color:rgb(51, 105, 111)  
}
```

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(51, 105, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 105, 111) }
```

Border

The CSS property to change the border of an element to YUV 89.5380, 10.5808, -33.7978 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(51, 105, 111) }
```


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

```
.border{ border-color:rgb(51, 105, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 105, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 105, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 105, 111);  
box-shadow:4px 4px 4px 4px rgb(51, 105,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 89.5380, 10.5808, -33.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 105, 111) }
```

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

```
.background{ background-color: rgb(51, 105,  
111) }
```

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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