

Converting Colors

YUV(89.3830, 9.1782, -3.8439)

Have a look what the booklet for
YUV(89.3830, 9.1782, -3.8439)
contains.

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Color

**YUV(89.3830, 9.1782,
-3.8439)**

Conversions

Conversions Part 1

Format	Color
Hex	55586C
RGB	85, 88, 108
RGB Percent	33%, 35%, 42%
CMY	0.6667, 0.6549, 0.5765
CMYK	0.21, 0.19, 0.00, 0.58
HSL	232°, 12%, 38%
HSV	232°, 21%, 42%
XYZ	9.9428, 9.9935, 15.5922
YIQ	89.3830, -8.2080, 5.5840

Conversions

Conversions Part 2

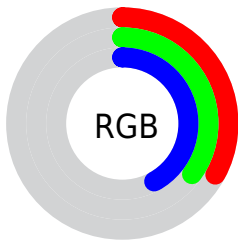
Format	Color
R_{YB}	85, 88, 108
Decimal	5593196
CIE _{Lab}	37.83, 3.56, -11.82
CIE _{LCh}	38, 12.349, 286.770
Yxy	9.9935, 0.2799, 0.2813
Android (android.graphics.Color)	4283783276 (0xFF55586C)
YUV	89.3830, 9.1782, -3.8439
Hunter-Lab	31.6124, 0.8205, -7.1150

Details

The YUV color **89.3830, 9.1782, -3.8439** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **103.6170, -9.1782, 3.8439**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4970, 9.6150, -3.9439**, and **43.8560, 8.4520, -4.2587** is the 20% darker color. If you saturate the color by 10%, you get **80.8110, 13.4042, -5.9732**, and if you desaturate by 10%, it is **97.9550, 4.9522, -1.7145**.

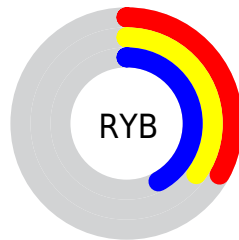
Distribution



Red (33%)

Green (35%)

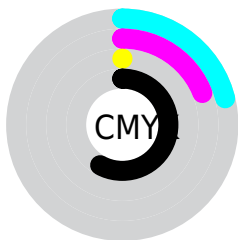
Blue (42%)



Red (33%)

Yellow (35%)

Blue (42%)

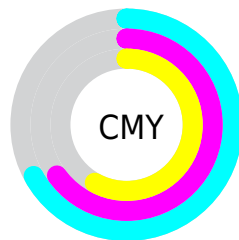


Cyan (21%)

Magenta (19%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (65%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3830, 9.1782, -3.8439 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 89.3830, 9.1782, -3.8439 by changing the saturation by 10% instead.

■ 89.3830, 9.1782,
-3.8439

■ 89.3830, 9.1782,
-3.8439

■ 255.0000, 0.0000,
0.0000

■ 66.2690, 8.7414,
-3.7439

■ 139.4970, 9.6150,
-3.9439

■ 43.8560, 8.4520,
-4.2587

■ 165.6110, 10.0518,
-4.0438

■ 22.7420, 8.0152,
-4.1587

■ 192.7250, 10.4886,
-4.1438

■ 2.6390, 7.5730,
-2.3144

■ 220.8390, 10.9254,
-4.2438

■ 0.0000, 0.0000,
0.0000

■ 247.3140, 3.7892,
-2.0294

■ 89.3830, 9.1782,
-3.8439

■ 89.3830, 9.1782,
-3.8439

■ 80.8110, 13.4042,
-5.9732

■ 97.9550, 4.9522,
-1.7145

■ 71.6520, 17.9196,
-7.5878

■ 107.1140, 0.4368,
-0.1000

■ 63.3790, 21.9982,
-9.1024

■ 115.3870, -3.6418,
1.4146

■ 54.2200, 26.5135,
-10.7169

■ 124.5460, -8.1572,
3.0292

■ 45.6480, 30.7395,
-12.8463

■ 133.1180,
-12.3832, 5.1585

■ 37.0760, 34.9655,
-14.9757

■ 141.6900,
-16.6092, 7.2879

■ 27.9170, 39.4809,
-16.5902

■ 150.8490,
-21.1246, 8.9024

■ 20.5300, 43.1227,

■ 159.1220,

-18.0048

-25.2031, 10.4170

■ 168.2810,
-29.7185, 12.0316

Harmonies

Analogous

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



87.2570, 10.2263, -13.3804



89.3830, 9.1782, -3.8439



90.9390, 5.9461, 6.1925

Triad

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



89.3830, 9.1782, -3.8439



90.1500, -7.4689, 15.6545



85.3850, -0.6828, -14.3696

Complementary

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



89.3830, 9.1782, -3.8439



103.6170, -9.1782, 3.8439

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.



86.7620, -5.7987, -6.8073



89.3830, 9.1782, -3.8439



89.2480, -9.4893, 10.3065

Square

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



89.3830, 9.1782, -3.8439



90.6000, -3.2538, 17.0138



88.0190, -8.8834, 2.6143



85.0190, 4.4276, -20.1877

Rectangle

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



89.3830, 9.1782, -3.8439



90.8750, 3.0196, 11.5106



88.0190, -8.8834, 2.6143



85.9400, -2.4354, -12.2254

Sweetspot

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



89.3830, 9.1782, -3.8439



133.4990, 3.2050, -1.3146



100.7810, 2.0800, -13.8399



67.1570, 1.8946, -1.0147



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



89.3830, 9.1782, -3.8439



111.0390, 14.2778, -6.1732



90.0140, 8.8671, 2.6187



49.2710, 2.3314, -1.1147



22.1430, 46.7645, -19.4194



46.7140, 97.7550, -40.9682

Inverse Universe

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



92.2190, -2.0800, 13.8399



115.3340, -3.1227, 21.6321



102.9860, -8.8671, -2.6187



49.9080, -0.4476, 3.5887



36.6930, -10.6946, 70.4292



76.9030, -22.1372, 147.4211

Previews

White Background



This preview shows how the YUV color 89.3830, 9.1782, -3.8439 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 89.3830, 9.1782, -3.8439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

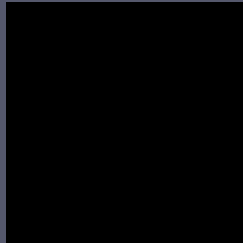
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

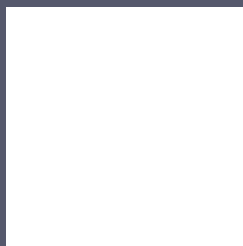
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 89.3830, 9.1782, -3.8439

Background



This preview shows how black text looks on a background with the YUV color 89.3830, 9.1782, -3.8439.



This preview shows how white text looks on a background with the YUV color 89.3830, 9.1782, -3.8439.

-3.8439.

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

89.3830, 9.1782, -3.8439

Protanopia

89.3830, 9.1782, -3.8439

Deuteranopia

89.6930, 9.0254, -1.4848



Tritanopia

88.7050, 4.0894, -5.0033

Trichromacy



Original Color

89.3830, 9.1782, -3.8439

Protanomaly

89.3830, 9.1782, -3.8439

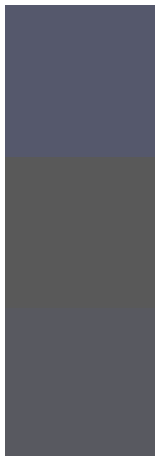
Deuteranomaly

89.3940, 9.1728, -2.0995

Tritanomaly

88.8730, 5.9786, -4.2736

Monochromacy



Original Color

89.3830, 9.1782, -3.8439

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.4990, 3.2050, -1.3146

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3830, 9.1782, -3.8439 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(85, 88, 108)` looks like.

```
.text, #text, p{  
  color:rgb(85, 88, 108)  
}
```

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(85, 88, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 88, 108) }
```

Border

The CSS property to change the border of an element to YUV 89.3830, 9.1782, -3.8439 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(85, 88, 108) }
```


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

```
.border{ border-color:rgb(85, 88, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 88, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 88, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 88, 108);  
box-shadow:4px 4px 4px 4px rgb(85, 88,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 89.3830, 9.1782, -3.8439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 88, 108) }
```

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

```
.background{ background-color: rgb(85, 88,  
108) }
```

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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