

Converting Colors

YUV(88.9190, 16.3089, -4.3140)

Have a look what the booklet for
YUV(88.9190, 16.3089, -4.3140)
contains.

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Color

**YUV(88.9190, 16.3089,
-4.3140)**

Conversions

Conversions Part 1

Format	Color
Hex	54557A
RGB	84, 85, 122
RGB Percent	33%, 33%, 48%
CMY	0.6706, 0.6667, 0.5216
CMYK	0.31, 0.30, 0.00, 0.52
HSL	238°, 18%, 40%
HSV	238°, 31%, 48%
XYZ	10.4175, 9.7870, 19.7524
YIQ	88.9190, -12.4730, 11.2950

Conversions

Conversions Part 2

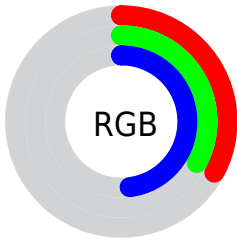
Format	Color
R_{YB}	84, 85, 122
Decimal	5526906
CIE Lab	37.46, 8.86, -21.05
CIE LCh	37, 22.840, 292.834
Yxy	9.7870, 0.2607, 0.2449
Android (android.graphics.Color)	4283716986 (0xFF54557A)
YUV	88.9190, 16.3089, -4.3140
Hunter-Lab	31.2841, 4.6927, -15.5360

Details

The YUV color **88.9190, 16.3089, -4.3140** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **117.0810, -16.3089, 4.3140**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5600, 17.4719, -3.9991**, and **42.8650, 14.8566, -5.1436** is the 20% darker color. If you saturate the color by 10%, you get **78.2870, 21.5505, -5.5137**, and if you desaturate by 10%, it is **99.5510, 11.0674, -3.1142**.

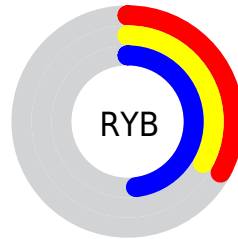
Distribution



Red (33%)

Green (33%)

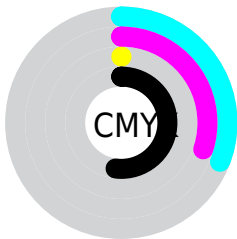
Blue (48%)



Red (33%)

Yellow (33%)

Blue (48%)

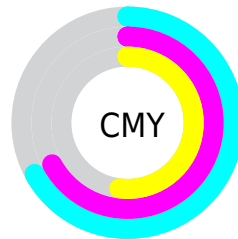


Cyan (31%)

Magenta (30%)

Yellow (0%)

Black (52%)



Cyan (67%)

Magenta (67%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9190, 16.3089, -4.3140 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 88.9190, 16.3089, -4.3140 by changing the saturation by 10% instead.

■ 88.9190, 16.3089,
-4.3140

■ 88.9190, 16.3089,
-4.3140

■ 255.0000, 0.0000,
0.0000

■ 65.3920, 15.5827,
-4.7288

■ 139.5600, 17.4719,
-3.9991

■ 42.8650, 14.8566,
-5.1436

■ 165.6740, 17.9087,
-4.0991

■ 21.6260, 13.9884,
-6.6880

■ 192.7880, 18.3455,
-4.1991

■ 4.4800, 12.0884,
-3.9290

■ 219.8590, 17.3245,
-3.3843

■ 0.0000, 0.0000,
0.0000

■ 245.5530, 4.6574,
-0.4850

■ 88.9190, 16.3089,
-4.3140

■ 88.9190, 16.3089,
-4.3140

■ 78.2870, 21.5505,
-5.5137

■ 99.5510, 11.0674,
-3.1142

■ 67.6550, 26.7921,
-6.7134

■ 110.1830, 5.8258,
-1.9145

■ 56.7240, 32.1811,
-8.5279

■ 121.1140, 0.4368,
-0.1000

■ 46.0920, 37.4226,
-9.7277

■ 131.7460, -4.8048,
1.0998

■ 36.0470, 42.3748,
-11.4422

■ 141.7910, -9.7570,
2.8143

■ 25.4150, 47.6164,
-12.6420


■ 152.4230,
-14.9985, 4.0140

■ 15.6690, 52.4212,
-13.7417

■ 163.0550,
-20.2401, 5.2138

■ 173.9860,

-25.6291, 7.0283

 184.6180,
-30.8707, 8.2280

Harmonies

Analogous

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



83.6990, 19.8684, -26.0460



88.9190, 16.3089, -4.3140



90.4330, 10.1395, 14.5293

Triad

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



88.9190, 16.3089, -4.3140



88.3810, -14.4848, 25.9759



79.2470, 1.8502, -33.5426

Complementary

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



88.9190, 16.3089, -4.3140



117.0810, -16.3089, 4.3140

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.



83.1970, -8.9711, -15.9588



88.9190, 16.3089, -4.3140



87.3920, -17.9413, 14.5652

Square

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



88.9190, 16.3089, -4.3140



89.6510, -7.2229, 30.1241



85.2870, -15.4245, 0.6253



74.2370, 13.6872, -50.1968

Rectangle

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



88.9190, 16.3089, -4.3140



90.2940, 4.2921, 23.4212



85.2870, -15.4245, 0.6253



80.3680, -1.6604, -27.5097

Sweetspot

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



88.9190, 16.3089, -4.3140



145.5960, 6.1152, -1.3997



110.5240, 5.1647, -23.2615



71.6130, 3.6418, -1.4146



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



88.9190, 16.3089, -4.3140



107.1990, 25.0449, -6.3135



93.7140, 13.9450, 7.2668



55.6840, 2.6208, -0.5999



16.0110, 53.7316, -14.0416



32.8370, 108.0474, -28.7980

Inverse Universe

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



95.4760, -5.1647, 23.2615



117.4560, -8.1128, 35.5571



112.2860, -13.9450, -7.2668



56.7940, -0.8844, 3.6887



37.7170, -17.1155, 76.5472



76.1460, -34.0890, 154.2240

Previews

White Background



This preview shows how the YUV color 88.9190, 16.3089, -4.3140 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 88.9190, 16.3089, -4.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

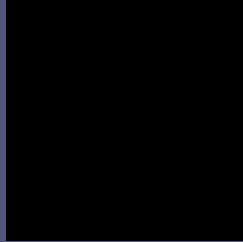
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.9190, 16.3089, -4.3140

Background



This preview shows how black text looks on a background with the YUV color 88.9190, 16.3089, -4.3140.



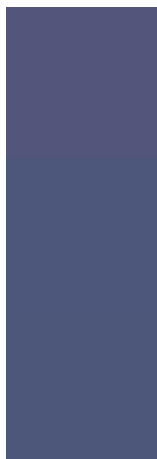
This preview shows how white text looks on a background with the YUV color 88.9190, 16.3089,

-4.3140.

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

88.9190, 16.3089, -4.3140

Protanopia

88.1140, 17.1988, -9.7470

Deuteranopia

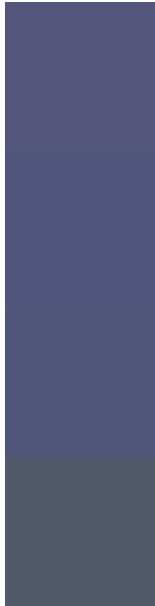
88.0000, 16.7620, -9.6470



Tritanopia

87.5090, 4.6791, -7.4624

Trichromacy



Original Color

88.9190, 16.3089, -4.3140

Protanomaly

88.4240, 17.0460, -7.3878

Deuteranomaly

88.3100, 16.6092, -7.2879

Tritanomaly

87.9590, 8.8942, -6.1030

Monochromacy



Original Color

88.9190, 16.3089, -4.3140

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1830, 5.8258, -1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9190, 16.3089, -4.3140 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(84, 85, 122)` looks like.

```
.text, #text, p{  
    color:rgb(84, 85, 122)  
}
```

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(84, 85, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 85, 122) }
```

Border

The CSS property to change the border of an element to YUV 88.9190, 16.3089, -4.3140 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(84, 85, 122) }
```


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

```
.border{ border-color:rgb(84, 85, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 85, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 85, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 85, 122);  
box-shadow:4px 4px 4px 4px rgb(84, 85,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 88.9190, 16.3089, -4.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 85, 122) }
```

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

```
.background{ background-color: rgb(84, 85,  
122) }
```

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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