

Converting Colors

YUV(89.8700, 17.3191, -1.6400)

Have a look what the booklet for
YUV(89.8700, 17.3191, -1.6400)
contains.

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Color

**YUV(89.8700, 17.3191,
-1.6400)**

Conversions

Conversions Part 1

Format	Color
Hex	58547D
RGB	88, 84, 125
RGB Percent	35%, 33%, 49%
CMY	0.6549, 0.6706, 0.5098
CMYK	0.30, 0.33, 0.00, 0.51
HSL	246°, 20%, 41%
HSV	246°, 33%, 49%
XYZ	10.8965, 9.8960, 20.7379
YIQ	89.8700, -10.7770, 13.5990

Conversions

Conversions Part 2

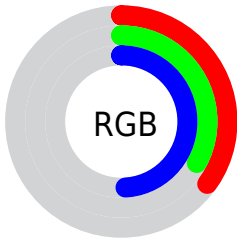
Format	Color
R_{YB}	88, 84, 125
Decimal	5788797
CIE _{Lab}	37.66, 11.62, -22.56
CIE _{LCh}	38, 25.380, 297.256
Yxy	9.8960, 0.2624, 0.2383
Android (android.graphics.Color)	4283978877 (0xFF58547D)
YUV	89.8700, 17.3191, -1.6400
Hunter-Lab	31.4579, 6.7780, -17.0649

Details

The YUV color **89.8700, 17.3191, -1.6400** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **119.1300, -17.3191, 1.6400**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5110, 18.4821, -1.3251**, and **43.8160, 15.8667, -2.4696** is the 20% darker color. If you saturate the color by 10%, you get **79.5370, 22.4133, -2.2249**, and if you desaturate by 10%, it is **100.7900, 11.9355, -1.5698**.

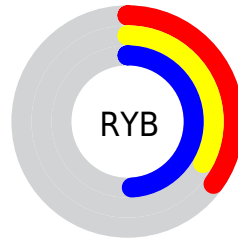
Distribution



Red (35%)

Green (33%)

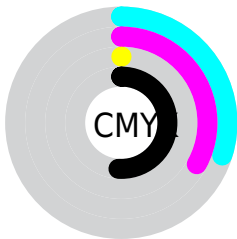
Blue (49%)



Red (35%)

Yellow (33%)

Blue (49%)

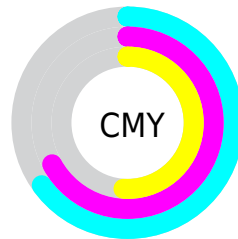


Cyan (30%)

Magenta (33%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8700, 17.3191, -1.6400 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 89.8700, 17.3191, -1.6400 by changing the saturation by 10% instead.

■ 89.8700, 17.3191,
-1.6400

■ 89.8700, 17.3191,
-1.6400

■ 255.0000, 0.0000,
0.0000

■ 66.3430, 16.5929,
-2.0548

■ 140.5110, 18.4821,
-1.3251

■ 43.8160, 15.8667,
-2.4696

■ 166.9240, 18.7715,
-0.8103

■ 22.5770, 14.9985,
-4.0140

■ 194.1520, 19.6451,
-1.0103

■ 4.2350, 13.6881,
-3.7141

■ 220.7670, 16.8769,
0.2043

■ 0.3420, 1.3104,
-0.2999

■ 246.4610, 4.2097,
3.1037

■ 0.0000, 0.0000,
0.0000

■ 89.8700, 17.3191,
-1.6400

■ 89.8700, 17.3191,
-1.6400

■ 79.5370, 22.4133,
-2.2249

■ 100.7900, 11.9355,
-1.5698

■ 68.3180, 27.9442,
-2.9099

■ 111.4220, 6.6940,
-0.3701

■ 57.9850, 33.0384,
-3.4948

■ 122.3420, 1.3104,
-0.2999

■ 47.0650, 38.4220,
-3.5650

■ 132.6750, -3.7838,
0.2850

■ 36.7320, 43.5161,
-4.1500

■ 143.5950, -9.1673,
0.3552

■ 25.5130, 49.0471,
-4.8349


■ 154.2270,
-14.4089, 1.5549

■ 17.8380, 52.8309,
-5.1199

■ 165.1470,
-19.7925, 1.6251

■ 175.4800,

-24.8866, 2.2100

 186.6990,
-30.4176, 2.8950

Harmonies

Analogous

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



84.2690, 22.0524, -26.5459



89.8700, 17.3191, -1.6400



91.6400, 9.5445, 18.7327

Triad

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



89.8700, 17.3191, -1.6400



88.8110, -16.6688, 26.4758



76.2890, 4.7875, -42.3495

Complementary

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



89.8700, 17.3191, -1.6400



119.1300, -17.3191, 1.6400

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.



81.8050, -7.7919, -20.8770



89.8700, 17.3191, -1.6400



87.2240, -19.8304, 13.8356

Square

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



89.8700, 17.3191, -1.6400



89.8040, -9.2704, 33.4979



85.2220, -16.8714, -1.9487



70.3110, 18.0877, -61.6627

Rectangle

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



89.8700, 17.3191, -1.6400



90.8000, 3.5496, 28.2394



85.2220, -16.8714, -1.9487



78.7800, 0.1085, -34.8871

Sweetspot

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



89.8700, 17.3191, -1.6400



149.1230, 6.8414, -0.9849



110.9800, 6.9119, -23.6615



73.4390, 4.2206, -0.3850



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



89.8700, 17.3191, -1.6400



108.9760, 26.6338, -2.6100



95.8500, 14.3710, 10.6556



58.0970, 2.9102, -0.0851



18.1800, 54.1413, -5.4199



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.4770, 10.1178, 21.5067



125.3350, 15.6108, 33.0322



113.1500, -14.3710, -10.6556



59.7770, 1.5889, 3.7036



51.3820, 31.3637, 67.1940



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.8700, 17.3191, -1.6400 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 89.8700, 17.3191, -1.6400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

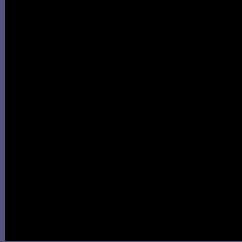
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8700, 17.3191, -1.6400

Background



This preview shows how black text looks on a background with the YUV color 89.8700, 17.3191, -1.6400.



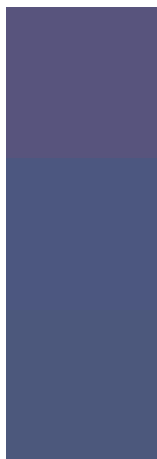
This preview shows how white text looks on a background with the YUV color 89.8700, 17.3191,

-1.6400.

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

89.8700, 17.3191, -1.6400

Protanopia

88.3850, 19.5302, -10.8616

Deuteranopia

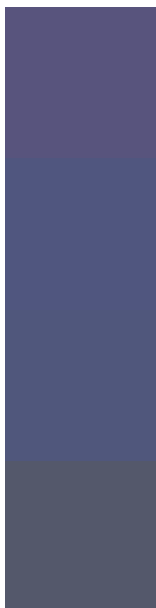
88.5160, 17.4936, -10.9765



Tritanopia

88.4060, 4.2368, -5.6181

Trichromacy



Original Color

89.8700, 17.3191, -1.6400

Protanomaly

88.8800, 18.7932, -7.7878

Deuteranomaly

89.1250, 17.1934, -8.0026

Tritanomaly

88.9700, 8.8888, -4.3587

Monochromacy



Original Color

89.8700, 17.3191, -1.6400

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0090, 6.4046, -0.8849

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8700, 17.3191, -1.6400 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(88, 84, 125)` looks like.

```
.text, #text, p{  
    color:rgb(88, 84, 125)  
}
```

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(88, 84, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 84, 125) }
```

Border

The CSS property to change the border of an element to YUV 89.8700, 17.3191, -1.6400 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(88, 84, 125) }
```


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

```
.border{ border-color:rgb(88, 84, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 84, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 84, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 84, 125);  
box-shadow:4px 4px 4px 4px rgb(88, 84,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 89.8700, 17.3191, -1.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 84, 125) }
```

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

```
.background{ background-color: rgb(88, 84,  
125) }
```

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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