

Converting Colors

YUV(89.8460, 23.7399, -7.7579)

Have a look what the booklet for
YUV(89.8460, 23.7399, -7.7579)
contains.

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Color

**YUV(89.8460, 23.7399,
-7.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	51558A
RGB	81, 85, 138
RGB Percent	32%, 33%, 54%
CMY	0.6824, 0.6667, 0.4588
CMYK	0.41, 0.38, 0.00, 0.46
HSL	236°, 26%, 43%
HSV	236°, 41%, 54%
XYZ	11.2293, 10.0813, 25.3988
YIQ	89.8460, -19.3970, 15.6350

Conversions

Conversions Part 2

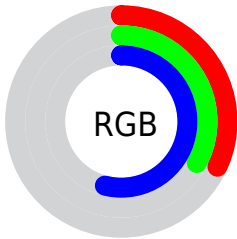
Format	Color
R _Y B	81, 85, 138
Decimal	5330314
CIE Lab	37.99, 12.64, -30.03
CIE LCh	38, 32.583, 292.819
Yxy	10.0813, 0.2404, 0.2158
Android (android.graphics.Color)	4283520394 (0xFF51558A)
YUV	89.8460, 23.7399, -7.7579
Hunter-Lab	31.7511, 7.5650, -25.2024

Details

The YUV color **89.8460, 23.7399, -7.7579** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **129.1540, -23.7399, 7.7579**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9000, 25.1923, -6.9283**, and **42.7810, 22.2930, -10.3319** is the 20% darker color. If you saturate the color by 10%, you get **78.0290, 29.5657, -9.6724**, and if you desaturate by 10%, it is **101.6630, 17.9141, -5.8435**.

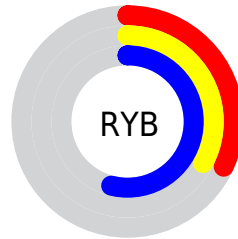
Distribution



Red (32%)

Green (33%)

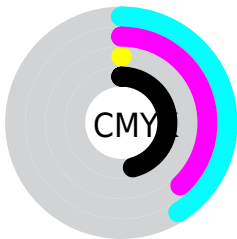
Blue (54%)



Red (32%)

Yellow (33%)

Blue (54%)

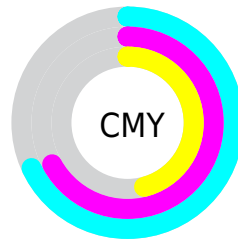


Cyan (41%)

Magenta (38%)

Yellow (0%)

Black (46%)



Cyan (68%)

Magenta (67%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8460, 23.7399, -7.7579 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 89.8460, 23.7399, -7.7579 by changing the saturation by 10% instead.

■ 89.8460, 23.7399,
-7.7579

■ 89.8460, 23.7399,
-7.7579

■ 255.0000, 0.0000,
0.0000

■ 65.9060, 22.7243,
-8.6876

■ 140.9000, 25.1923,
-6.9283

■ 42.7810, 22.2930,
-10.3319

■ 167.4270, 25.9185,
-6.5135

■ 19.3350, 22.0198,
-16.0798

■ 194.5410, 26.3553,
-6.6135

■ 4.7880, 18.3455,
-4.1991

■ 219.5600, 17.4719,
-3.9991

■ 2.8670, 8.4466,
-2.5144

■ 245.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 89.8460, 23.7399,
-7.7579

■ 89.8460, 23.7399,
-7.7579

■ 78.0290, 29.5657,
-9.6724

■ 101.6630, 17.9141,
-5.8435

■ 66.2120, 35.3915,
-11.5869

■ 113.4800, 12.0884,
-3.9290

■ 55.2810, 40.7805,
-13.4014

■ 124.4110, 6.6994,
-2.1144

■ 43.4640, 46.6062,
-15.3159

■ 136.2280, 0.8736,
-0.2000

■ 31.6470, 52.4320,
-17.2304

■ 148.0450, -4.9522,
1.7145

■ 21.6020, 57.3842,
-18.9450

■ 159.8620,
-10.7780, 3.6290

■ 171.6790,
-16.6037, 5.5435

■ 183.1970,

-22.2821, 6.8432

■ 194.4270,
-27.8185, 9.2725

Harmonies

Analogous

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



76.3350, 31.8798, -52.0368



89.8460, 23.7399, -7.7579



92.6170, 14.4858, 20.5069

Triad

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



89.8460, 23.7399, -7.7579



88.6550, -20.0429, 35.3826



69.2220, 6.2996, -60.7077

Complementary

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



89.8460, 23.7399, -7.7579



129.1540, -23.7399, 7.7579

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.



80.9310, -12.2910, -24.4955



89.8460, 23.7399, -7.7579



87.4760, -25.3777, 19.7535

Square

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



89.8460, 23.7399, -7.7579



89.4570, -9.5923, 43.4492



85.0390, -22.6972, -0.0342



72.8870, 17.8037, -63.9219

Rectangle

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



89.8460, 23.7399, -7.7579



91.4570, 7.1697, 33.8022



85.0390, -22.6972, -0.0342



74.4750, -0.7272, -46.8976

Sweetspot

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



89.8460, 23.7399, -7.7579



160.6820, 9.0308, -3.2291



120.3870, 6.2182, -34.5424



78.9550, 4.9522, -1.7145



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



89.8460, 23.7399, -7.7579



103.3690, 37.2861, -12.6016



94.6740, 21.3597, 9.0559



62.7980, 3.0576, -0.6998



20.4450, 55.4896, -17.9303



0.5700, 2.1840, -0.4999

Inverse Universe

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



98.4990, -6.6550, 34.6424



116.7080, -10.2090, 54.6301



124.3260, -21.3597, -9.0559



64.0930, -1.0318, 4.3034



40.7930, -15.6739, 80.8655



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 89.8460, 23.7399, -7.7579 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 89.8460, 23.7399, -7.7579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

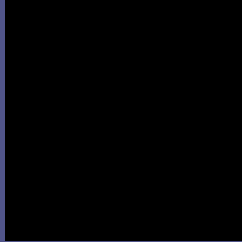
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8460, 23.7399, -7.7579

Background



This preview shows how black text looks on a background with the YUV color 89.8460, 23.7399, -7.7579.



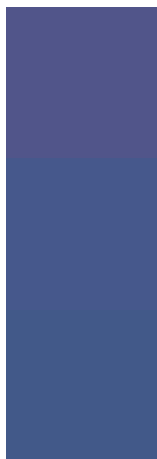
This preview shows how white text looks on a background with the YUV color 89.8460, 23.7399, -7.7579.

-7.7579.

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

89.8460, 23.7399, -7.7579

Protanopia

88.5460, 25.3668, -16.2648

Deuteranopia

87.5950, 24.3567, -18.9388



Tritanopia

87.2200, 6.3005, -14.2249

Trichromacy



Original Color

89.8460, 23.7399, -7.7579

Protanomaly

89.0410, 24.6298, -13.1910

Deuteranomaly

88.5030, 23.9090, -15.3501

Tritanomaly

88.2510, 12.6943, -11.6211

Monochromacy



Original Color

89.8460, 23.7399, -7.7579

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8670, 8.4466, -2.5144

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8460, 23.7399, -7.7579 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(81, 85, 138)` looks like.

```
.text, #text, p{  
    color:rgb(81, 85, 138)  
}
```

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(81, 85, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 85, 138) }
```

Border

The CSS property to change the border of an element to YUV 89.8460, 23.7399, -7.7579 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(81, 85, 138) }
```


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

```
.border{ border-color:rgb(81, 85, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 85, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 85, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 85, 138);  
box-shadow:4px 4px 4px 4px rgb(81, 85,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 89.8460, 23.7399, -7.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 85, 138) }
```

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

```
.background{ background-color: rgb(81, 85,  
138) }
```

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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