

Converting Colors

YUV(89.8000, 13.4096, -7.7176)

Have a look what the booklet for
YUV(89.8000, 13.4096, -7.7176)
contains.

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Color

**YUV(89.8000, 13.4096,
-7.7176)**

Conversions

Conversions Part 1

Format	Color
Hex	515975
RGB	81, 89, 117
RGB Percent	32%, 35%, 46%
CMY	0.6824, 0.6510, 0.5412
CMYK	0.31, 0.24, 0.00, 0.54
HSL	227°, 18%, 39%
HSV	227°, 31%, 46%
XYZ	10.1766, 10.1784, 18.2579
YIQ	89.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

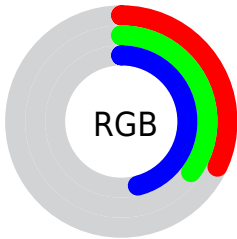
Format	Color
R_{YB}	81, 88, 117
Decimal	5331317
CIE Lab	38.16, 3.97, -16.91
CIE LCh	38, 17.367, 283.222
Yxy	10.1784, 0.2636, 0.2636
Android (android.graphics.Color)	4283521397 (0xFF515975)
YUV	89.8000, 13.4096, -7.7176
Hunter-Lab	31.9037, 1.1063, -11.5980

Details

The YUV color **89.8000, 13.4096, -7.7176** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **108.2000, -13.4096, 7.7176**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0280, 14.2832, -7.9176**, and **43.8600, 12.3940, -8.6472** is the 20% darker color. If you saturate the color by 10%, you get **80.9290, 17.7830, -10.4617**, and if you desaturate by 10%, it is **98.6710, 9.0362, -4.9735**.

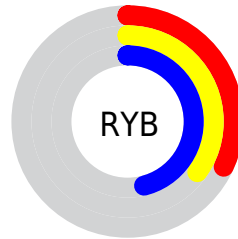
Distribution



Red (32%)

Green (35%)

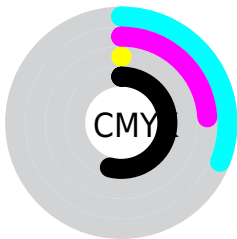
Blue (46%)



Red (32%)

Yellow (35%)

Blue (46%)

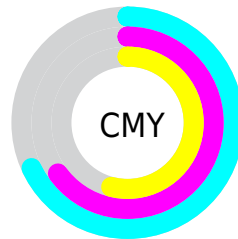


Cyan (31%)

Magenta (24%)

Yellow (0%)

Black (54%)



Cyan (68%)

Magenta (65%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8000, 13.4096, -7.7176 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 89.8000, 13.4096, -7.7176 by changing the saturation by 10% instead.

■ 89.8000, 13.4096,
-7.7176

■ 89.8000, 13.4096,
-7.7176

■ 255.0000, 0.0000,
0.0000

■ 66.2730, 12.6834,
-8.1324

■ 140.0280, 14.2832,
-7.9176

■ 43.8600, 12.3940,
-8.6472

■ 166.4410, 14.5726,
-7.4028

■ 22.3330, 11.6678,
-9.0620

■ 193.5550, 15.0094,
-7.5027

■ 3.5510, 11.0674,
-3.1142

■ 221.6690, 15.4462,
-7.6027

■ 0.0000, 0.0000,
0.0000

■ 247.2920, 3.8000,
-5.5181

■ 89.8000, 13.4096,
-7.7176

■ 89.8000, 13.4096,
-7.7176

■ 80.9290, 17.7830,
-10.4617

■ 98.6710, 9.0362,
-4.9735

■ 72.3570, 22.0090,
-12.5911

■ 107.2430, 4.8102,
-2.8441

■ 63.4860, 26.3824,
-15.3352

■ 116.1140, 0.4368,
-0.1000

■ 54.6150, 30.7558,
-18.0794

■ 124.9850, -3.9366,
2.6442

■ 45.7440, 35.1292,
-20.8235

■ 133.5570, -8.1626,
4.7735

■ 36.5850, 39.6446,
-22.4380

■ 143.0150,
-12.8254, 7.0028

■ 28.6000, 43.5812,
-25.0822

■ 151.8860,
-17.1988, 9.7470

■ 160.7570,

-21.5722, 12.4911

■ 169.3290,
-25.7982, 14.6205

Harmonies

Analogous

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



86.0540, 14.7634, -21.9724



89.8000, 13.4096, -7.7176



91.7480, 8.9982, 7.2370

Triad

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



89.8000, 13.4096, -7.7176



90.9120, -9.8166, 22.0022



84.7110, -1.8295, -19.9175

Complementary

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



89.8000, 13.4096, -7.7176



108.2000, -13.4096, 7.7176

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.



86.9530, -8.8508, -7.8518



89.8000, 13.4096, -7.7176



89.6570, -13.1419, 15.2098

Square

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



89.8000, 13.4096, -7.7176



91.8180, -3.8543, 22.9616



88.5910, -13.1094, 4.7437



83.1210, 6.3493, -29.9241

Rectangle

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



89.8000, 13.4096, -7.7176



91.8800, 5.4822, 15.0142



88.5910, -13.1094, 4.7437



85.1630, -4.0244, -15.9290

Sweetspot

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



89.8000, 13.4096, -7.7176



142.3570, 5.2470, -2.9441



105.3240, 1.8123, -21.3321



70.2000, 3.3524, -1.9294



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



89.8000, 13.4096, -7.7176



110.1290, 21.1354, -12.3911



88.0940, 14.2507, 2.5486



54.2710, 2.3314, -1.1147



29.7570, 45.4758, -26.0969



61.3720, 92.9936, -53.8232

Inverse Universe

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



92.6760, -1.8123, 21.3321



114.5250, -2.7238, 33.7426



109.9060, -14.2507, -2.5486



54.9080, -0.4476, 3.5887



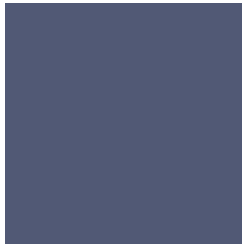
39.5560, -6.1901, 72.3034



81.1340, -12.3911, 148.0955

Previews

White Background



This preview shows how the YUV color 89.8000, 13.4096, -7.7176 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 89.8000, 13.4096, -7.7176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

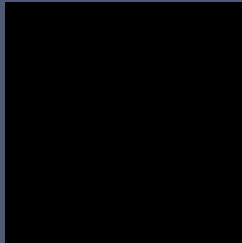
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8000, 13.4096, -7.7176

Background



This preview shows how black text looks on a background with the YUV color 89.8000, 13.4096, -7.7176.



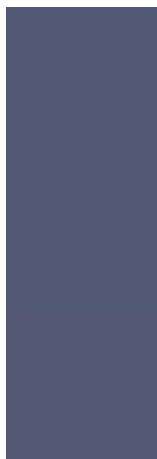
This preview shows how white text looks on a background with the YUV color 89.8000, 13.4096, -7.7176.

-7.7176.

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

89.8000, 13.4096, -7.7176

Protanopia

90.0990, 13.2622, -7.1028

Deuteranopia

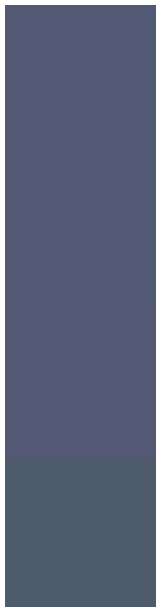
90.1100, 13.2568, -5.3585



Tritanopia

88.4270, 5.7055, -10.0215

Trichromacy



Original Color

89.8000, 13.4096, -7.7176

Protanomaly

90.0990, 13.2622, -7.1028

Deuteranomaly

89.8110, 13.4042, -5.9732

Tritanomaly

88.8230, 8.4683, -9.4918

Monochromacy



Original Color

89.8000, 13.4096, -7.7176

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2430, 4.8102, -2.8441

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8000, 13.4096, -7.7176 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, 89, 117)` looks like.

```
.text, #text, p{  
    color:rgb(81, 89, 117)  
}
```

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, 89, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 89, 117) }
```

Border

The CSS property to change the border of an element to YUV 89.8000, 13.4096, -7.7176 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, 89, 117) }
```


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

```
.border{ border-color:rgb(81, 89, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 89, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 89, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 89, 117);  
box-shadow:4px 4px 4px 4px rgb(81, 89,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 89.8000, 13.4096, -7.7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 89, 117) }
```

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

```
.background{ background-color: rgb(81, 89,  
117) }
```

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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