

Converting Colors

YUV(88.7060, 19.3719, -6.7582)

Have a look what the booklet for
YUV(88.7060, 19.3719, -6.7582)
contains.

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Color

**YUV(88.7060, 19.3719,
-6.7582)**

Conversions

Conversions Part 1

Format	Color
Hex	515580
RGB	81, 85, 128
RGB Percent	32%, 33%, 50%
CMY	0.6824, 0.6667, 0.4980
CMYK	0.37, 0.34, 0.00, 0.50
HSL	235°, 22%, 41%
HSV	235°, 37%, 50%
XYZ	10.5381, 9.8048, 21.7592
YIQ	88.7060, -16.1870, 12.5250

Conversions

Conversions Part 2

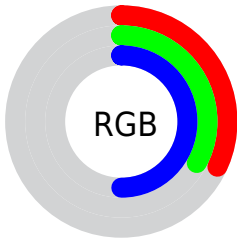
Format	Color
R_{YB}	81, 85, 128
Decimal	5330304
CIE _{Lab}	37.49, 9.64, -24.71
CIE _{LCh}	37, 26.521, 291.322
Yxy	9.8048, 0.2503, 0.2329
Android (android.graphics.Color)	4283520384 (0xFF515580)
YUV	88.7060, 19.3719, -6.7582
Hunter-Lab	31.3127, 5.2760, -19.2817

Details

The YUV color **88.7060, 19.3719, -6.7582** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **120.2940, -19.3719, 6.7582**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3470, 20.5349, -6.4433**, and **42.3530, 18.0670, -8.2026** is the 20% darker color. If you saturate the color by 10%, you get **77.7750, 24.7609, -8.5727**, and if you desaturate by 10%, it is **99.6370, 13.9830, -4.9436**.

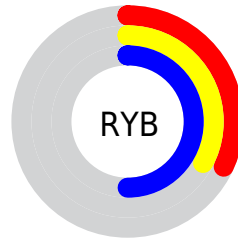
Distribution



Red (32%)

Green (33%)

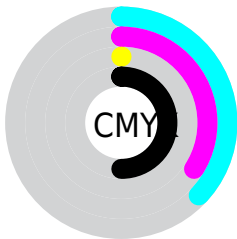
Blue (50%)



Red (32%)

Yellow (33%)

Blue (50%)

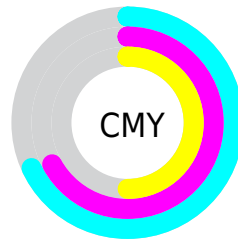


Cyan (37%)

Magenta (34%)

Yellow (0%)

Black (50%)



Cyan (68%)

Magenta (67%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7060, 19.3719, -6.7582 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 88.7060, 19.3719, -6.7582 by changing the saturation by 10% instead.

■ 88.7060, 19.3719,
-6.7582

■ 88.7060, 19.3719,
-6.7582

■ 255.0000, 0.0000,
0.0000

■ 65.1790, 18.6458,
-7.1730

■ 139.3470, 20.5349,
-6.4433

■ 42.3530, 18.0670,
-8.2026

■ 165.8740, 21.2611,
-6.0285

■ 20.1030, 17.2042,
-11.4913

■ 192.9880, 21.6979,
-6.1285

■ 5.0500, 14.2723,
-4.4289

■ 219.2610, 17.6193,
-4.6139

■ 0.9120, 3.4944,
-0.7998

■ 244.9550, 4.9522,
-1.7145

■ 0.0000, 0.0000,
0.0000

■ 88.7060, 19.3719,
-6.7582

■ 88.7060, 19.3719,
-6.7582

■ 77.7750, 24.7609,
-8.5727

■ 99.6370, 13.9830,
-4.9436

■ 67.4310, 29.8605,
-10.9020

■ 109.9810, 8.8834,
-2.6143

■ 56.7990, 35.1021,
-12.1017

■ 120.6130, 3.6418,
-1.4146

■ 45.8680, 40.4911,
-13.9162

■ 131.5440, -1.7472,
0.3999

■ 34.9370, 45.8801,
-15.7307

■ 142.4750, -7.1362,
2.2144

■ 24.5930, 50.9797,
-18.0601

■ 152.8190,
-12.2358, 4.5437

■ 21.0490, 52.7268,
-18.4600

■ 163.7500,
-17.6247, 6.3582

■ 174.3820,

-22.8663, 7.5580

■ 184.7260,
-27.9659, 9.8873

Harmonies

Analogous

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



81.3820, 23.9687, -34.5380



88.7060, 19.3719, -6.7582



90.9000, 11.8813, 15.8737

Triad

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



88.7060, 19.3719, -6.7582



88.3600, -15.9535, 30.3793



76.3170, 2.3087, -40.6200

Complementary

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



88.7060, 19.3719, -6.7582



120.2940, -19.3719, 6.7582

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.



82.4310, -10.5655, -17.9180



88.7060, 19.3719, -6.7582



87.1320, -20.2781, 17.4242

Square

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



88.7060, 19.3719, -6.7582



89.2710, -7.5286, 34.8423



85.0760, -18.7715, 0.8103



69.8550, 16.3405, -61.2628

Rectangle

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



88.7060, 19.3719, -6.7582



90.6580, 5.5916, 26.6099



85.0760, -18.7715, 0.8103



78.5200, -2.2284, -32.0280

Sweetspot

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



88.7060, 19.3719, -6.7582



150.6390, 7.5730, -2.3144



113.3770, 4.7441, -28.3946



74.8410, 4.5154, -1.6146



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



88.7060, 19.3719, -6.7582



104.8440, 30.1499, -10.3872



92.0390, 17.7288, 6.9818



58.3850, 2.7682, -1.2146



21.0490, 52.7268, -18.4600



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.5090, -5.1809, 28.4946



115.5110, -8.1399, 44.2789



116.9610, -17.7288, -6.9818



59.2070, -0.5951, 4.2035



39.5260, -14.0633, 77.5917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 88.7060, 19.3719, -6.7582 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 88.7060, 19.3719, -6.7582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

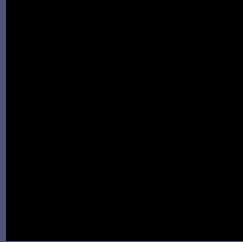
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7060, 19.3719, -6.7582

Background



This preview shows how black text looks on a background with the YUV color 88.7060, 19.3719, -6.7582.



This preview shows how white text looks on a background with the YUV color 88.7060, 19.3719,

-6.7582.

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

88.7060, 19.3719, -6.7582

Protanopia

87.9010, 20.2618, -12.1912

Deuteranopia

87.0750, 19.6830, -13.2208



Tritanopia

86.7150, 5.5635, -11.1511

Trichromacy



Original Color

88.7060, 19.3719, -6.7582

Protanomaly

88.2110, 20.1090, -9.8320

Deuteranomaly

87.3850, 19.5302, -10.8616

Tritanomaly

87.6920, 10.5048, -9.3769

Monochromacy



Original Color

88.7060, 19.3719, -6.7582

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.1120, 6.8468, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7060, 19.3719, -6.7582 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(81, 85, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 85, 128) }
```

Border

The CSS property to change the border of an element to YUV 88.7060, 19.3719, -6.7582 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, 128) }
```


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

```
.border{ border-color:rgb(81, 85, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 85, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 85, 128);  
box-shadow:4px 4px 4px 4px rgb(81, 85,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 88.7060, 19.3719, -6.7582 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, 128) }
```

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

```
.background{ background-color: rgb(81, 85,  
128) }
```

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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