

Converting Colors

YUV(83.9590, 8.8942, -6.1030)

Have a look what the booklet for
YUV(83.9590, 8.8942, -6.1030)
contains.

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Color

**YUV(83.9590, 8.8942,
-6.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5466
RGB	77, 84, 102
RGB Percent	30%, 33%, 40%
CMY	0.6980, 0.6706, 0.6000
CMYK	0.25, 0.18, 0.00, 0.60
HSL	223°, 14%, 35%
HSV	223°, 25%, 40%
XYZ	8.6292, 8.8777, 13.8291
YIQ	83.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

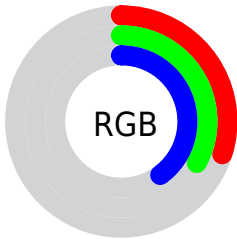
Format	Color
R_{YB}	77, 82, 102
Decimal	5067878
CIE _{Lab}	35.75, 1.67, -11.31
CIE _{LCh}	36, 11.435, 278.406
Yxy	8.8777, 0.2754, 0.2833
Android (android.graphics.Color)	4283257958 (0xFF4D5466)
YUV	83.9590, 8.8942, -6.1030
Hunter-Lab	29.7955, -0.4463, -6.6617




Details

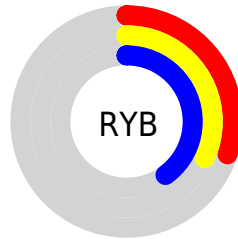
The YUV color **83.9590, 8.8942, -6.1030** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95.0410, -8.8942, 6.1030**, and the grayscale version is **84.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **133.1870, 9.7678, -6.3030**, and **38.7310, 8.0206, -5.9031** is the 20% darker color. If you saturate the color by 10%, you get **76.8600, 12.3940, -8.6472**, and if you desaturate by 10%, it is **91.0580, 5.3944, -3.5589**.

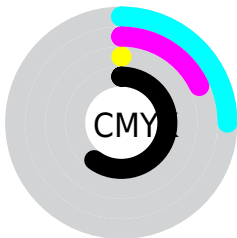
Distribution







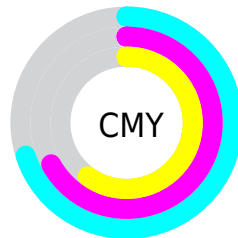
-  Red (30%)
-  Green (33%)
-  Blue (40%)






-  Red (30%)
-  Yellow (32%)
-  Blue (40%)



-  Cyan (25%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (70%)
-  Magenta (67%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9590, 8.8942, -6.1030 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 83.9590, 8.8942, -6.1030 by changing the saturation by 10% instead.

■ 83.9590, 8.8942,
-6.1030

■ 83.9590, 8.8942,
-6.1030

■ 255.0000, 0.0000,
0.0000

■ 60.8450, 8.4574,
-6.0031

■ 133.1870, 9.7678,
-6.3030

■ 38.7310, 8.0206,
-5.9031

■ 159.8880, 9.9152,
-6.9178

■ 18.3180, 7.7312,
-6.4179

■ 186.8880, 9.9152,
-6.9178

■ 1.1400, 4.3680,
-0.9998

■ 214.4150, 10.6414,
-6.5030

■ 0.0000, 0.0000,
0.0000

■ 241.9760, 6.4208,
-6.1180

■ 83.9590, 8.8942,
-6.1030

■ 83.9590, 8.8942,
-6.1030

■ 76.8600, 12.3940,
-8.6472

■ 91.0580, 5.3944,
-3.5589

■ 69.1740, 16.1832,
-10.6766

■ 98.7440, 1.6052,
-1.5295

■ 61.7760, 19.8304,
-13.8356

■ 106.1420, -2.0420,
1.6295

■ 54.6770, 23.3302,
-16.3797

■ 113.2410, -5.5418,
4.1736

■ 46.9910, 27.1194,
-18.4091

■ 120.9270, -9.3310,
6.2030

■ 39.8920, 30.6192,
-20.9533

■ 128.0260,
-12.8308, 8.7472

■ 32.7930, 34.1191,
-23.4975

■ 135.1250,
-16.3306, 11.2914

■ 28.6510, 36.1611,

■ 143.1100,

-25.1269

-20.2672, 13.9355

■ 150.2090,
-23.7670, 16.4797

Harmonies

Analogous

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



82.3170, 9.2107, -14.3100



83.9590, 8.8942, -6.1030



85.3300, 6.2463, 3.2186

Triad

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



83.9590, 8.8942, -6.1030



85.1930, -6.0111, 14.7397



81.3530, -2.1460, -11.7106

Complementary

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



83.9590, 8.8942, -6.1030



95.0410, -8.8942, 6.1030

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.



82.3710, -6.0989, -3.8334



83.9590, 8.8942, -6.1030



84.1880, -8.4737, 11.2361

Square

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



83.9590, 8.8942, -6.1030



85.9310, -1.9380, 14.9695



83.4430, -8.5994, 4.8735



80.2860, 2.8170, -16.9138

Rectangle

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



83.9590, 8.8942, -6.1030



85.7930, 4.0461, 8.9515



83.4430, -8.5994, 4.8735



81.3210, -3.6093, -9.0515

Sweetspot

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



83.9590, 8.8942, -6.1030



125.9010, 3.4998, -2.5442



93.7270, 0.6276, -14.6696



62.1570, 1.8946, -1.0147



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.9590, 8.8942, -6.1030



104.9030, 13.8518, -9.5619



81.3450, 10.1829, 0.5744



47.1570, 1.8946, -1.0147



31.8940, 40.9713, -27.9710



67.5040, 86.0265, -59.2010

Inverse Universe

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



85.2730, -0.6276, 14.6696



106.9150, -0.9441, 22.8765



97.6550, -10.1829, -0.5744



47.6090, -0.3002, 2.9739



38.0330, -2.9743, 67.5001



80.1100, -5.9702, 141.9775

Previews

White Background



This preview shows how the YUV color 83.9590, 8.8942, -6.1030 looks on a white background.

Color Contrast Check

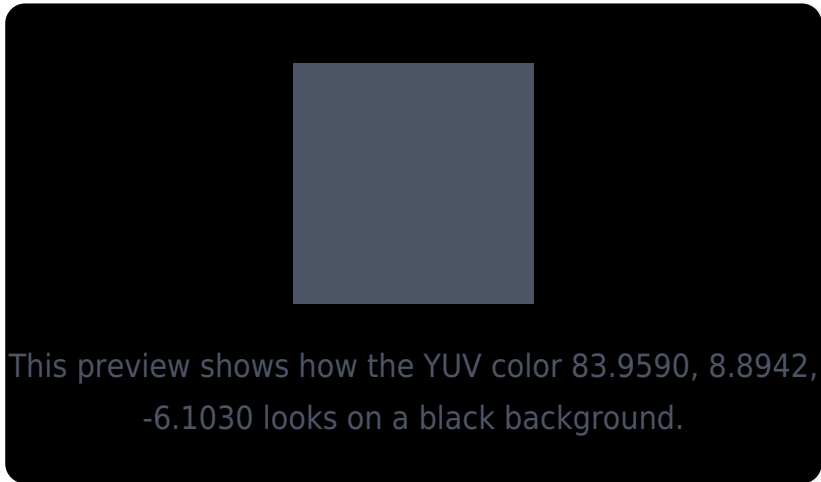
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

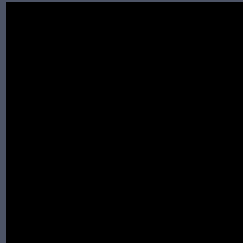
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

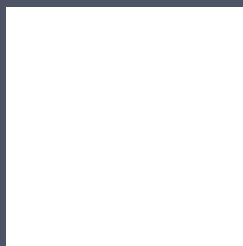
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.9590, 8.8942, -6.1030

Background



This preview shows how black text looks on a background with the YUV color 83.9590, 8.8942, -6.1030.



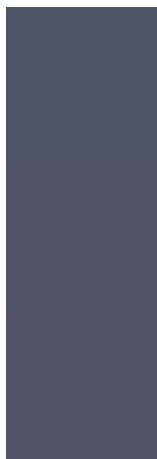
This preview shows how white text looks on a background with the YUV color 83.9590, 8.8942, -6.1030.

-6.1030.

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

83.9590, 8.8942, -6.1030

Protanopia

84.1550, 8.3046, -3.6439

Deuteranopia

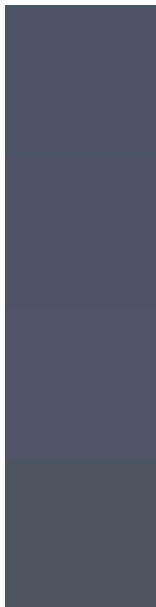
84.5790, 8.5886, -1.3848



Tritanopia

83.3950, 4.2423, -7.3624

Trichromacy



Original Color

83.9590, 8.8942, -6.1030

Protanomaly

83.8560, 8.4520, -4.2587

Deuteranomaly

84.5680, 8.5940, -3.1291

Tritanomaly

83.5630, 6.1314, -6.6328

Monochromacy



Original Color

83.9590, 8.8942, -6.1030

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9010, 3.4998, -2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9590, 8.8942, -6.1030 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(77, 84, 102)` looks like.

```
.text, #text, p{  
    color:rgb(77, 84, 102)  
}
```

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(77, 84, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 84, 102) }
```

Border

The CSS property to change the border of an element to YUV 83.9590, 8.8942, -6.1030 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(77, 84, 102) }
```


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

```
.border{ border-color:rgb(77, 84, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 84, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 84, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 84, 102);  
box-shadow:4px 4px 4px 4px rgb(77, 84,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 83.9590, 8.8942, -6.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 84, 102) }
```

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

```
.background{ background-color: rgb(77, 84,  
102) }
```

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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