

Converting Colors

YUV(86.6490, 9.0470, -8.4622)

Have a look what the booklet for
YUV(86.6490, 9.0470, -8.4622)
contains.

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Color

**YUV(86.6490, 9.0470,
-8.4622)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5869
RGB	77, 88, 105
RGB Percent	30%, 35%, 41%
CMY	0.6980, 0.6549, 0.5882
CMYK	0.27, 0.16, 0.00, 0.59
HSL	216°, 15%, 36%
HSV	216°, 27%, 41%
XYZ	9.1001, 9.5771, 14.7335
YIQ	86.6490, -12.0130, 2.9550

Conversions

Conversions Part 2

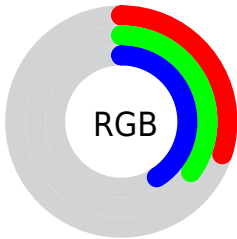
Format	Color
R_{YB}	77, 85, 105
Decimal	5068905
CIE Lab	37.07, -0.02, -11.17
CIE LCh	37, 11.174, 269.884
Yxy	9.5771, 0.2724, 0.2866
Android (android.graphics.Color)	4283258985 (0xFF4D5869)
YUV	86.6490, 9.0470, -8.4622
Hunter-Lab	30.9470, -1.6685, -6.5645

Details

The YUV color **86.6490, 9.0470, -8.4622** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **95.3510, -9.0470, 8.4622**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4640, 9.6312, -9.1769**, and **41.4210, 8.1734, -8.2622** is the 20% darker color. If you saturate the color by 10%, you get **79.8380, 12.4049, -12.1359**, and if you desaturate by 10%, it is **93.1610, 5.8366, -5.4032**.

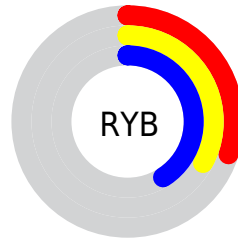
Distribution



Red (30%)

Green (35%)

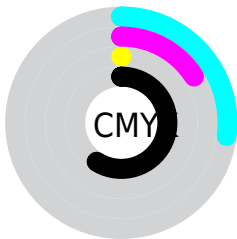
Blue (41%)



Red (30%)

Yellow (33%)

Blue (41%)

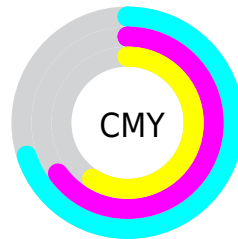


Cyan (27%)

Magenta (16%)

Yellow (0%)

Black (59%)



Cyan (70%)

Magenta (65%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6490, 9.0470, -8.4622 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 86.6490, 9.0470, -8.4622 by changing the saturation by 10% instead.

■ 86.6490, 9.0470,
-8.4622

■ 86.6490, 9.0470,
-8.4622

■ 255.0000, 0.0000,
0.0000

■ 63.5350, 8.6102,
-8.3622

■ 136.4640, 9.6312,
-9.1769

■ 41.4210, 8.1734,
-8.2622

■ 162.8770, 9.9206,
-8.6621

■ 20.0080, 7.8841,
-8.7770

■ 189.6920, 10.5048,
-9.3769

■ 2.1830, 5.8258,
-1.9145

■ 217.6920, 10.5048,
-9.3769

■ 0.0000, 0.0000,
0.0000

■ 244.3240, 5.2633,
-8.1771

■ 86.6490, 9.0470,
-8.4622

■ 86.6490, 9.0470,
-8.4622

■ 79.8380, 12.4049,
-12.1359

■ 93.1610, 5.8366,
-5.4032

■ 72.7390, 15.9047,
-14.6801

■ 100.5590, 2.1894,
-2.2442

■ 65.9280, 19.2625,
-18.3539

■ 107.0710, -1.0210,
0.8147

■ 58.8290, 22.7623,
-20.8980

■ 114.4690, -4.6682,
3.9737

■ 52.0180, 26.1201,
-24.5718

■ 121.2800, -8.0260,
7.6474

■ 45.5060, 29.3305,
-27.6308

■ 127.7920,
-11.2365, 10.7064

■ 38.1080, 32.9778,
-30.7897

■ 135.1900,
-14.8837, 13.8654

■ 36.0370, 33.9988,

■ 141.7020,

-31.6044

-18.0941, 16.9243

■ 148.2140,
-21.3045, 19.9833

Harmonies

Analogous

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



85.0780, 8.3425, -15.8544



86.6490, 9.0470, -8.4622



88.2480, 7.2727, 0.6595

Triad

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



86.6490, 9.0470, -8.4622



88.8340, -4.8482, 15.0546



84.4350, -3.1725, -9.1515

Complementary

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



86.6490, 9.0470, -8.4622



95.3510, -9.0470, 8.4622

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.



85.5670, -6.6885, -1.3743



86.6490, 9.0470, -8.4622



88.0140, -7.8949, 12.2657

Square

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



86.6490, 9.0470, -8.4622



88.9740, -0.4802, 14.0548



87.0410, -8.8942, 6.1030



83.6560, 1.6486, -15.4843

Rectangle

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



86.6490, 9.0470, -8.4622



88.7110, 5.0725, 6.3925



87.0410, -8.8942, 6.1030



85.2890, -5.0725, -6.3925

Sweetspot

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



86.6490, 9.0470, -8.4622



130.6020, 3.6472, -3.1590



95.3740, -0.6774, -16.1140



64.5590, 2.1894, -2.2442



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



86.6490, 9.0470, -8.4622



108.9950, 14.2995, -13.1506



81.0890, 11.7881, -0.9551



49.8580, 2.0420, -1.6295



40.3400, 37.7934, -35.3782



84.2820, 79.2340, -73.9153

Inverse Universe

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



86.6260, 0.6774, 16.1140



109.0940, 0.9397, 25.3506



100.9110, -11.7881, 0.9551



50.0220, -0.0108, 3.4887



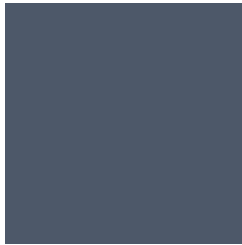
40.2270, 2.8461, 67.3299



84.1990, 5.8179, 141.0225

Previews

White Background



This preview shows how the YUV color 86.6490, 9.0470, -8.4622 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 86.6490, 9.0470, -8.4622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

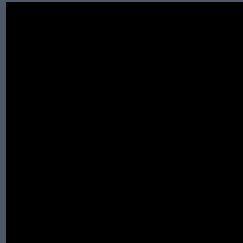
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

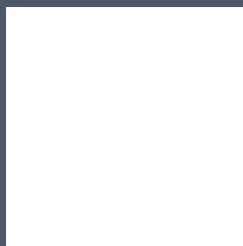
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 86.6490, 9.0470, -8.4622

Background



This preview shows how black text looks on a background with the YUV color 86.6490, 9.0470, -8.4622.



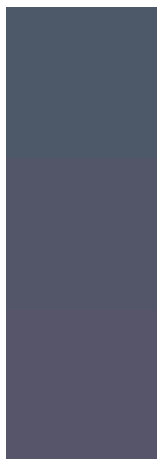
This preview shows how white text looks on a background with the YUV color 86.6490, 9.0470,

-8.4622.

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

86.6490, 9.0470, -8.4622

Protanopia

87.1550, 8.3046, -3.6439

Deuteranopia

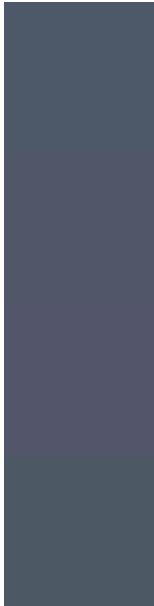
87.6930, 9.0254, -1.4848



Tritanopia

85.7260, 5.5581, -9.4067

Trichromacy



Original Color

86.6490, 9.0470, -8.4622

Protanomaly

87.1440, 8.3100, -5.3883

Deuteranomaly

87.3830, 9.1782, -3.8439

Tritanomaly

86.3670, 6.7211, -9.0919

Monochromacy



Original Color

86.6490, 9.0470, -8.4622

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.6020, 3.6472, -3.1590

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6490, 9.0470, -8.4622 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, 88, 105)` looks like.

```
.text, #text, p{  
    color:rgb(77, 88, 105)  
}
```

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, 88, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 88, 105) }
```

Border

The CSS property to change the border of an element to YUV 86.6490, 9.0470, -8.4622 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, 88, 105) }
```


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

```
.border{ border-color:rgb(77, 88, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 88, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 88, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 88, 105);  
box-shadow:4px 4px 4px 4px rgb(77, 88,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 86.6490, 9.0470, -8.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 88, 105) }
```

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

```
.background{ background-color: rgb(77, 88,  
105) }
```

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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