

Converting Colors

YUV(86.5330, 1.7092, 11.8106)

Have a look what the booklet for
YUV(86.5330, 1.7092, 11.8106)
contains.

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Color

**YUV(86.5330, 1.7092,
11.8106)**

Conversions

Conversions Part 1

Format	Color
Hex	644F5A
RGB	100, 79, 90
RGB Percent	39%, 31%, 35%
CMY	0.6078, 0.6902, 0.6471
CMYK	0.00, 0.21, 0.10, 0.61
HSL	329°, 12%, 35%
HSV	329°, 21%, 39%
XYZ	9.8970, 9.0395, 10.8960
YIQ	86.5330, 8.9850, 7.8730

Conversions

Conversions Part 2

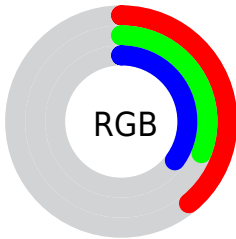
Format	Color
R_{YB}	100, 79, 90
Decimal	6573914
CIE Lab	36.06, 10.83, -3.09
CIE LCh	36, 11.265, 344.055
Yxy	9.0395, 0.3318, 0.3030
Android (android.graphics.Color)	4284763994 (0xFF644F5A)
YUV	86.5330, 1.7092, 11.8106
Hunter-Lab	30.0657, 6.1433, -0.4411

Details

The YUV color **86.5330, 1.7092, 11.8106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.4670, -1.7092, -11.8106**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2450, 1.8512, 12.9401**, and **40.8210, 1.5672, 10.6810** is the 20% darker color. If you saturate the color by 10%, you get **80.0930, 2.4192, 17.4584**, and if you desaturate by 10%, it is **92.9730, 0.9993, 6.1627**.

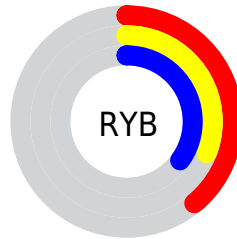
Distribution



 Red (39%)

 Green (31%)

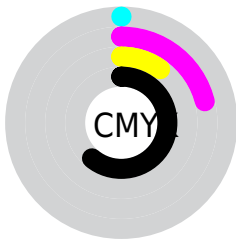
 Blue (35%)



 Red (39%)

 Yellow (31%)

 Blue (35%)

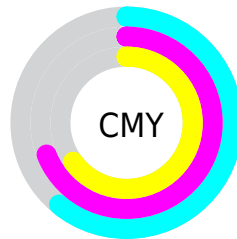


 Cyan (0%)

 Magenta (21%)

 Yellow (10%)

 Black (61%)



 Cyan (61%)

 Magenta (69%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5330, 1.7092, 11.8106 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 86.5330, 1.7092, 11.8106 by changing the saturation by 10% instead.

■ 86.5330, 1.7092,
11.8106

■ 86.5330, 1.7092,
11.8106

255.0000, 0.0000,
0.0000

■ 63.2340, 1.8566,
11.1958

■ 136.2450, 1.8512,
12.9401

■ 40.8210, 1.5672,
10.6810

■ 162.5440, 1.7038,
13.5549

■ 20.5220, 1.7147,
10.0662

■ 189.5440, 1.7038,
13.5549

■ 0.0000, 0.0000,
0.0000

■ 217.8430, 1.5564,
14.1697

■ 243.8640, 3.0250,
9.7663

■ 86.5330, 1.7092,
11.8106

■ 86.5330, 1.7092,
11.8106

■ 80.0930, 2.4192,
17.4584

■ 92.9730, 0.9993,
6.1627

■ 73.6530, 3.1291,
23.1063

■ 99.4130, 0.2894,
0.5148

■ 67.3270, 4.2758,
28.6542

■ 105.7390, -0.8573,
-5.0331

■ 60.8870, 4.9857,
34.3021

■ 112.1790, -1.5672,
-10.6810

■ 54.4470, 5.6956,
39.9500

■ 118.6190, -2.2772,
-16.3289

■ 48.0070, 6.4055,
45.5979

■ 125.0590, -2.9871,
-21.9767

■ 41.6810, 7.5523,
51.1458

■ 131.3850, -4.1338,
-27.5246

■ 35.8280, 7.9728,

■ 137.8250, -4.8437,

56.2788

-33.1725

■ 144.2650, -5.5536,
-38.8204

Harmonies

Analogous

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



86.2270, 5.8041, 5.0629



86.5330, 1.7092, 11.8106



86.7030, -2.8116, 15.1695

Triad

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



86.5330, 1.7092, 11.8106



84.1330, -8.4466, 2.5144



81.5400, 7.6218, -18.0136

Complementary

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



86.5330, 1.7092, 11.8106



92.4670, -1.7092, -11.8106

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.



81.2150, 3.8380, -17.7286



86.5330, 1.7092, 11.8106



82.8870, -5.3673, -5.1629

Square

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



86.5330, 1.7092, 11.8106



85.1770, -8.4683, 9.4918



81.9830, -0.9776, -13.1401



83.3280, 9.2053, -12.5657

Rectangle

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



86.5330, 1.7092, 11.8106



85.7200, -5.2850, 15.1546



81.9830, -0.9776, -13.1401



81.8990, 6.4588, -18.3284

Sweetspot

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



86.5330, 1.7092, 11.8106



124.8480, 0.5679, 4.5183



84.3840, 7.6987, 4.0482



63.4240, 0.2840, 2.2592



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.



86.5330, 1.7092, 11.8106



109.5060, 2.7085, 17.9732



85.3930, -2.6587, 12.8103



47.8370, 0.5734, 2.7740



41.2250, 9.2561, 64.7007



86.8360, 19.8009, 136.0788

Inverse Universe

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



86.5330, 1.7092, 11.8106



109.5060, 2.7085, 17.9732



93.6070, 2.6587, -12.8103



47.8370, 0.5734, 2.7740



41.2250, 9.2561, 64.7007



86.8360, 19.8009, 136.0788

Previews

White Background



This preview shows how the YUV color 86.5330, 1.7092, 11.8106 looks on a white background.

Color Contrast Check

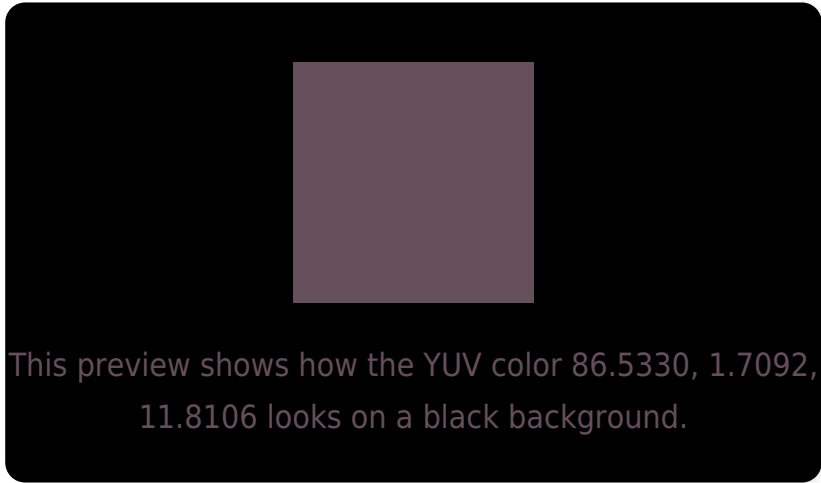
Large Text (above 18pt) WCAG AA ✓ Pass

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

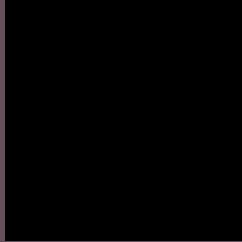
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5330, 1.7092, 11.8106

Background



This preview shows how black text looks on a background with the YUV color 86.5330, 1.7092, 11.8106.



This preview shows how white text looks on a background with the YUV color 86.5330, 1.7092,

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

86.5330, 1.7092, 11.8106

Protanopia

85.0260, 3.9312, -0.8998

Deuteranopia

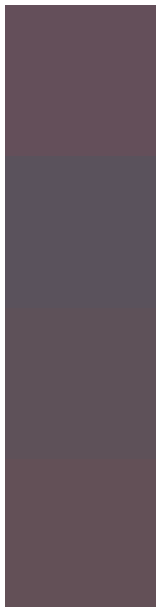
85.4890, 1.7309, 4.8331



Tritanopia

86.3650, -0.1799, 11.0809

Trichromacy



Original Color

86.5330, 1.7092, 11.8106

Protanomaly

85.5320, 3.1887, 3.9184

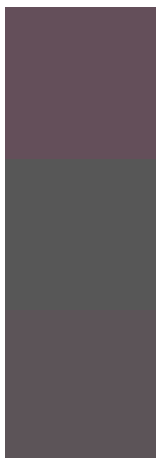
Deuteranomaly

85.7990, 1.5781, 7.1923

Tritanomaly

86.4790, 0.2569, 10.9809

Monochromacy



Original Color

86.5330, 1.7092, 11.8106

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8480, 0.5679, 4.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5330, 1.7092, 11.8106 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(100, 79, 90)` looks like.

```
.text, #text, p{  
    color:rgb(100, 79, 90)  
}
```

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(100, 79, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 79, 90) }
```

Border

The CSS property to change the border of an element to YUV 86.5330, 1.7092, 11.8106 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(100, 79, 90) }
```


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

```
.border{ border-color:rgb(100, 79, 90) }
```

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

Here you see how a box with a 4 pixel rgb(100, 79, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 79, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 79, 90);  
box-shadow:4px 4px 4px 4px rgb(100, 79,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 86.5330, 1.7092, 11.8106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 79, 90) }
```

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

```
.background{ background-color: rgb(100, 79,  
90) }
```

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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