

Converting Colors

YUV(86.6470, 2.1460, 11.7106)

Have a look what the booklet for
YUV(86.6470, 2.1460, 11.7106)
contains.

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Color

**YUV(86.6470, 2.1460,
11.7106)**

Conversions

Conversions Part 1

Format	Color
Hex	644F5B
RGB	100, 79, 91
RGB Percent	39%, 31%, 36%
CMY	0.6078, 0.6902, 0.6431
CMYK	0.00, 0.21, 0.09, 0.61
HSL	326°, 12%, 35%
HSV	326°, 21%, 39%
XYZ	9.9398, 9.0566, 11.1217
YIQ	86.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

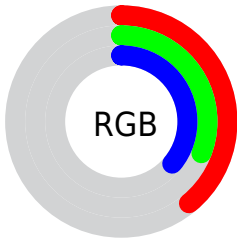
Format	Color
R_{YB}	100, 79, 91
Decimal	6573915
CIE Lab	36.09, 11.03, -3.67
CIE LCh	36, 11.625, 341.572
Yxy	9.0566, 0.3300, 0.3007
Android (android.graphics.Color)	4284763995 (0xFF644F5B)
YUV	86.6470, 2.1460, 11.7106
Hunter-Lab	30.0942, 6.2920, -0.8455

Details

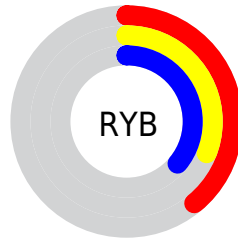
The YUV color **86.6470, 2.1460, 11.7106** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **92.3530, -2.1460, -11.7106**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3590, 2.2880, 12.8402**, and **40.9350, 2.0040, 10.5810** is the 20% darker color. If you saturate the color by 10%, you get **80.3210, 3.2927, 17.2585**, and if you desaturate by 10%, it is **92.9730, 0.9993, 6.1627**.

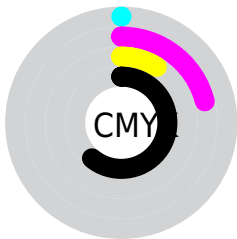
Distribution



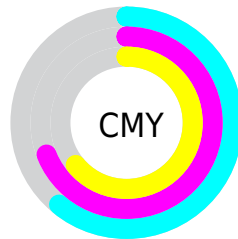
- Red (39%)
- Green (31%)
- Blue (36%)



- Red (39%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6470, 2.1460, 11.7106 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 86.6470, 2.1460, 11.7106 by changing the saturation by 10% instead.

■ 86.6470, 2.1460,
11.7106

■ 86.6470, 2.1460,
11.7106

■ 255.0000, 0.0000,
0.0000

■ 63.3480, 2.2934,
11.0958

■ 136.3590, 2.2880,
12.8402

■ 40.9350, 2.0040,
10.5810

■ 162.6580, 2.1406,
13.4549

■ 20.6360, 2.1515,
9.9662

■ 189.7720, 2.5774,
13.3550

■ 0.0000, 0.0000,
0.0000

■ 218.0710, 2.4300,
13.9697

■ 243.9780, 3.4618,
9.6663

■ 86.6470, 2.1460,
11.7106

■ 86.6470, 2.1460,
11.7106

■ 80.3210, 3.2927,
17.2585

■ 92.9730, 0.9993,
6.1627

■ 73.8810, 4.0027,
22.9064

■ 99.4130, 0.2894,
0.5148

■ 67.5550, 5.1494,
28.4543

■ 105.7390, -0.8573,
-5.0331

■ 61.2290, 6.2961,
34.0022

■ 112.0650, -2.0040,
-10.5810

■ 54.9030, 7.4428,
39.5501

■ 118.3910, -3.1508,
-16.1289

■ 48.4630, 8.1527,
45.1979

■ 124.8310, -3.8607,
-21.7768

■ 42.1370, 9.2995,
50.7459

■ 131.1570, -5.0074,
-27.3247

■ 36.3980, 10.1568,

■ 137.4830, -6.1541,

55.7790

-32.8726

■ 143.9230, -6.8640,
-38.5205

Harmonies

Analogous

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



86.0420, 6.3883, 4.3482



86.6470, 2.1460, 11.7106



86.2300, -2.0854, 15.5843

Triad

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



86.6470, 2.1460, 11.7106



83.8450, -8.3046, 3.6439



81.2410, 7.7692, -18.6284

Complementary

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



86.6470, 2.1460, 11.7106



92.3530, -2.1460, -11.7106

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.



81.1010, 3.4012, -17.6286



86.6470, 2.1460, 11.7106



83.0720, -5.9515, -4.4481

Square

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



86.6470, 2.1460, 11.7106



84.7750, -8.7631, 10.7213



82.1680, -1.5618, -12.4253



82.7300, 9.5001, -13.7952

Rectangle

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



86.6470, 2.1460, 11.7106



86.1330, -4.9956, 15.6694



82.1680, -1.5618, -12.4253



81.4860, 6.1694, -18.8432

Sweetspot

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



86.6470, 2.1460, 11.7106



124.9620, 1.0047, 4.4183



84.0850, 7.8461, 3.4335



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.



86.6470, 2.1460, 11.7106



109.6200, 3.1453, 17.8733



85.5070, -2.2220, 12.7104



47.8370, 0.5734, 2.7740



41.9090, 11.8769, 64.1008



88.0900, 24.6056, 134.9791

Inverse Universe

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



86.6470, 2.1460, 11.7106



109.6200, 3.1453, 17.8733



93.4930, 2.2220, -12.7104



47.8370, 0.5734, 2.7740



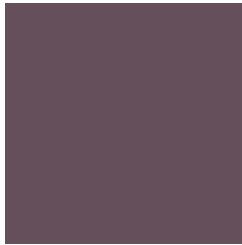
41.9090, 11.8769, 64.1008



88.0900, 24.6056, 134.9791

Previews

White Background



This preview shows how the YUV color 86.6470, 2.1460, 11.7106 looks on a white background.

Color Contrast Check

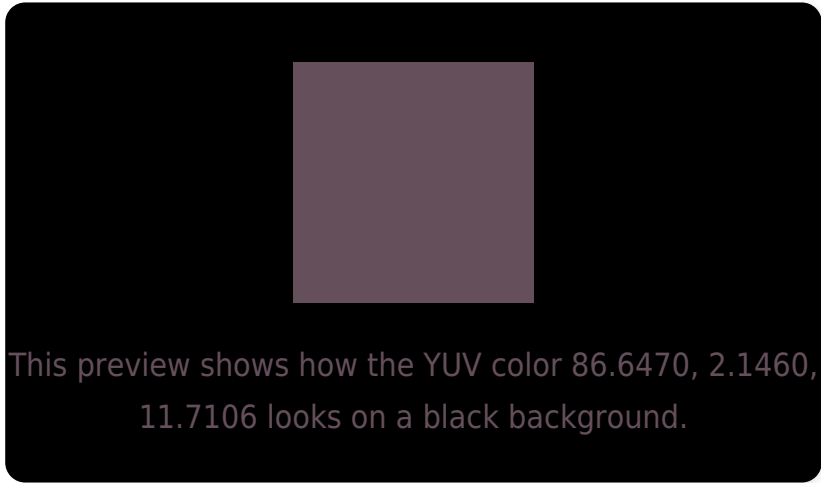
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.6470, 2.1460, 11.7106

Background



This preview shows how black text looks on a background with the YUV color 86.6470, 2.1460, 11.7106.



This preview shows how white text looks on a background with the YUV color 86.6470, 2.1460,

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

86.6470, 2.1460, 11.7106

Protanopia

85.1400, 4.3680, -0.9998

Deuteranopia

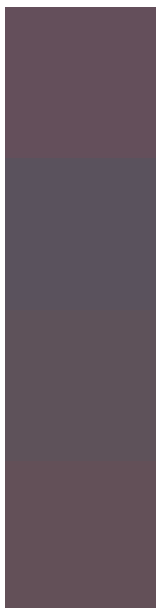
86.1900, 1.8783, 4.2184



Tritanopia

86.3650, -0.1799, 11.0809

Trichromacy



Original Color

86.6470, 2.1460, 11.7106

Protanomaly

85.6460, 3.6255, 3.8185

Deuteranomaly

86.5000, 1.7255, 6.5775

Tritanomaly

86.5930, 0.6937, 10.8809

Monochromacy



Original Color

86.6470, 2.1460, 11.7106

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 86.6470, 2.1460, 11.7106 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, 91)` looks like.

```
.text, #text, p{  
    color:rgb(100, 79, 91)  
}
```

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, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 79, 91) }
```

Border

The CSS property to change the border of an element to YUV 86.6470, 2.1460, 11.7106 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, 91) }
```


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

```
.border{ border-color:rgb(100, 79, 91) }
```

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, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 79, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 79, 91);  
box-shadow:4px 4px 4px 4px rgb(100, 79,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 86.6470, 2.1460, 11.7106 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, 91) }
```

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

```
.background{ background-color: rgb(100, 79,  
91) }
```

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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