

Converting Colors

YUV(86.1020, 8.8237, 16.5735)

Have a look what the booklet for
YUV(86.1020, 8.8237, 16.5735)
contains.

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Color

**YUV(86.1020, 8.8237,
16.5735)**

Conversions

Conversions Part 1

Format	Color
Hex	694968
RGB	105, 73, 104
RGB Percent	41%, 29%, 41%
CMY	0.5882, 0.7137, 0.5922
CMYK	0.00, 0.30, 0.01, 0.59
HSL	302°, 18%, 35%
HSV	302°, 30%, 41%
XYZ	10.7069, 8.7678, 14.2247
YIQ	86.1020, 9.1210, 16.4250

Conversions

Conversions Part 2

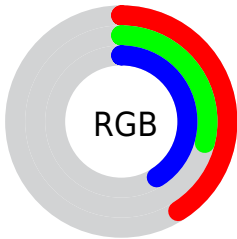
Format	Color
RYB	105, 73, 104
Decimal	6900072
CIELab	35.53, 19.35, -12.63
CIELCh	36, 23.110, 326.866
Yxy	8.7678, 0.3177, 0.2602
Android (android.graphics.Color)	4285090152 (0xFF694968)
YUV	86.1020, 8.8237, 16.5735
Hunter-Lab	29.6105, 12.7258, -7.7553

Details

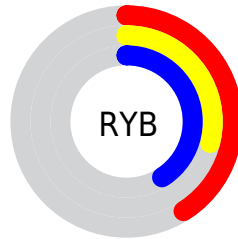
The YUV color **86.1020, 8.8237, 16.5735** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.8980, -8.8237, -16.5735**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2270, 9.2551, 18.2179**, and **39.9770, 8.3923, 14.9292** is the 20% darker color. If you saturate the color by 10%, you get **79.6450, 12.0070, 22.2363**, and if you desaturate by 10%, it is **91.9720, 5.9298, 11.4256**.

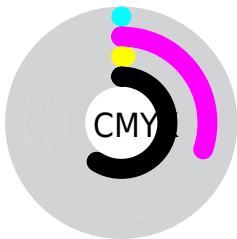
Distribution



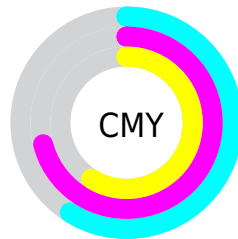
- Red (41%)
- Green (29%)
- Blue (41%)



- Red (41%)
- Yellow (29%)
- Blue (41%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (59%)



- Cyan (59%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1020, 8.8237, 16.5735 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 86.1020, 8.8237, 16.5735 by changing the saturation by 10% instead.

86.1020, 8.8237,
16.5735

86.1020, 8.8237,
16.5735

255.0000, 0.0000,
0.0000

62.3900, 8.6817,
15.4440

136.2270, 9.2551,
18.2179

39.9770, 8.3923,
14.9292

162.6400, 9.5445,
18.7327

17.9770, 8.3923,
14.9292

190.0530, 9.8339,
19.2475

1.3680, 5.2416,
-1.1997

217.4660, 10.1233,
19.7623

0.0000, 0.0000,
0.0000

240.3250, 7.2348,
12.8700

86.1020, 8.8237,
16.5735

86.1020, 8.8237,
16.5735

79.6450, 12.0070,
22.2363

91.9720, 5.9298,
11.4256

73.6610, 14.4641,
27.4843

98.5430, 3.1833,
5.6628

67.2040, 17.6474,
33.1471

105.0000, 0.0000,
0.0000

61.3340, 20.5413,
38.2951

110.8700, -2.8939,
-5.1480

54.7630, 23.2878,
44.0578

117.4410, -5.6404,
-10.9108

48.8930, 26.1818,
49.2058


123.3110, -8.5343,
-16.0587

43.0230, 29.0757,
54.3538

129.7680,
-11.7176, -21.7215

135.7520,

-14.1747, -26.9695

 142.2090,
-17.3580, -32.6323

Harmonies

Analogous

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



84.4140, 15.5719, -1.2401



86.1020, 8.8237, 16.5735



85.2900, 0.3500, 27.8097

Triad

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



86.1020, 8.8237, 16.5735



82.3810, -17.9358, 12.8209



66.2900, 16.6190, -57.2593

Complementary

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



86.1020, 8.8237, 16.5735



91.8980, -8.8237, -16.5735

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.



73.0940, 3.8977, -36.9164



86.1020, 8.8237, 16.5735



80.3900, -14.9823, -1.2190

Square

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



86.1020, 8.8237, 16.5735



83.5550, -15.0636, 24.9463



77.6420, -7.2185, -18.1030



71.4960, 20.9545, -47.7930

Rectangle

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



86.1020, 8.8237, 16.5735



84.8190, -5.3338, 30.8537



77.6420, -7.2185, -18.1030



68.2970, 12.6716, -51.1265

Sweetspot

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



86.1020, 8.8237, 16.5735



130.2550, 3.3253, 6.7924



76.9470, 13.8301, -2.5845



64.3040, 2.3151, 4.1184



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.



86.1020, 8.8237, 16.5735



107.8350, 13.8853, 26.4547



84.2780, 1.8349, 18.1732



50.3640, 1.2995, 3.1888



47.9790, 32.5484, 60.5314



100.2730, 67.4064, 126.9256

Inverse Universe

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



86.1020, 8.8237, 16.5735



107.8350, 13.8853, 26.4547



93.7220, -1.8349, -18.1732



50.3640, 1.2995, 3.1888



47.9790, 32.5484, 60.5314



100.2730, 67.4064, 126.9256

Previews

White Background



This preview shows how the YUV color 86.1020, 8.8237, 16.5735 looks on a white background.

Color Contrast Check

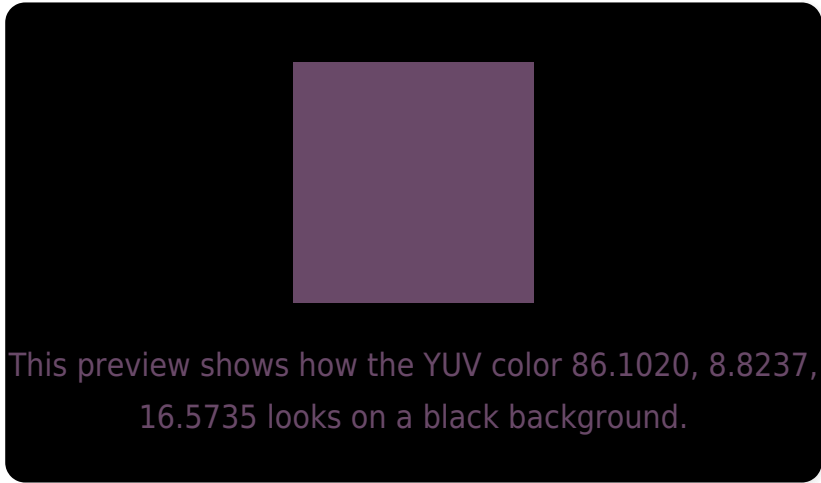
Large Text (above 18pt) WCAG AA ✓ Pass

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

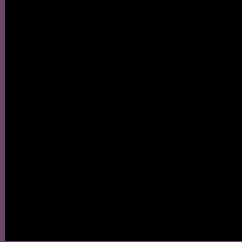
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.1020, 8.8237, 16.5735

Background



This preview shows how black text looks on a background with the YUV color 86.1020, 8.8237, 16.5735.



This preview shows how white text looks on a background with the YUV color 86.1020, 8.8237,

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

86.1020, 8.8237, 16.5735

Protanopia

84.0990, 13.2622, -7.1028

Deuteranopia

84.5790, 8.5886, -1.3848



Tritanopia

85.1590, -1.0644, 14.7696

Trichromacy



Original Color

86.1020, 8.8237, 16.5735

Protanomaly

84.6980, 11.4879, 2.0189

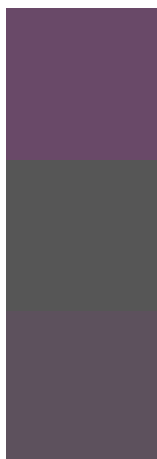
Deuteranomaly

85.3240, 8.7143, 4.9779

Tritanomaly

85.7830, 2.5720, 15.0993

Monochromacy



Original Color

86.1020, 8.8237, 16.5735

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1020, 8.8237, 16.5735 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(105, 73, 104)` looks like.

```
.text, #text, p{  
    color:rgb(105, 73, 104)  
}
```

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(105, 73, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 73, 104) }
```

Border

The CSS property to change the border of an element to YUV 86.1020, 8.8237, 16.5735 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(105, 73, 104) }
```


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

```
.border{ border-color:rgb(105, 73, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 73, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 73, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 73, 104);  
box-shadow:4px 4px 4px 4px rgb(105, 73,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 86.1020, 8.8237, 16.5735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 73, 104) }
```

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

```
.background{ background-color: rgb(105, 73,  
104) }
```

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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