Converting Colors

YUV(105.9600, -5.8963, 24.5911)

Have a look what the booklet for YUV(105.9600, -5.8963, 24.5911) contains.

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Color

YUV(105.9600, -5.8963, 24.5911)

Conversions

Conversions Part 1

Format	Color
Hex	865E5E
RGB	134, 94, 94
RGB Percent	53%, 37%, 37%
CMY	0.4745, 0.6314, 0.6314
CMYK	0.00, 0.30, 0.30, 0.47
HSL	0°, 18%, 45%
HSV	0°, 30%, 53%
XYZ	15.8546, 13.8819, 12.4335
YIQ	105.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

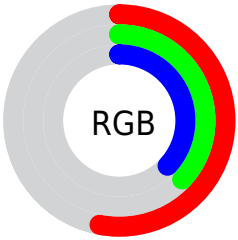
Format	Color
RYB	134, 94, 94
Decimal	8805982
CIELab	44.06, 16.35, 6.53
CIELCh	44, 17.601, 21.766
Yxy	13.8819, 0.3760, 0.3292
Android (android.graphics.Color)	4286996062 (0xFF865E5E)
YUV	105.9600, -5.8963, 24.5911
Hunter-Lab	37.2584, 10.7550, 6.2952

Details

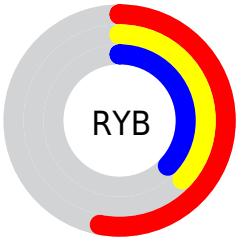
The YUV color 105.9600, -5.8963, 24.5911 is a dark color, and the websafe version is hex 996666. A complement of this color would be 122.0400, 5.8963, -24.5911, and the grayscale version is 106.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 157.7430, -6.7753, 26.5354, and 57.8780, -4.8699, 22.0320 is the 20% darker color. If you saturate the color by 10%, you get 96.8470, -7.8126, 32.5832, and if you desaturate by 10%, it is 115.0730, -3.9800, 16.5990.

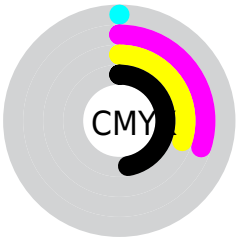
Distribution



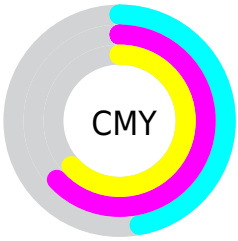
- Red (53%)
- Green (37%)
- Blue (37%)



- Red (53%)
- Yellow (37%)
- Blue (37%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (47%)



- Cyan (47%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.9600, -5.8963, 24.5911 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 105.9600, -5.8963, 24.5911 by changing the saturation by 10% instead.

105.9600, -5.8963, 24.5911

105.9600, -5.8963, 24.5911

255.0000, 0.0000, 0.0000

81.3620, -5.6015, 23.3615

157.7430, -6.7753, 26.5354

57.8780, -4.8699, 22.0320

184.4550, -6.6333, 27.6650

35.9810, -4.4276, 20.1877

212.6400, -7.2175, 28.3797

11.9490, -5.8909, 22.8467

235.2580, -4.5642, 17.3137

0.0000, 0.0000, 0.0000

105.9600, -5.8963,

105.9600, -5.8963,

24.5911

96.8470, -7.8126, 32.5832

87.0330, -9.8763, 41.1901

77.9200, -11.7926, 49.1822

68.1060, -13.8563, 57.7890

58.9930, -15.7725, 65.7811

49.8800, -17.6888, 73.7732

40.0660, -19.7525, 82.3801

24.5911

115.0730, -3.9800, 16.5990

124.8870, -1.9163, 7.9921

134.0000, 0.0000, 0.0000

143.8140, 2.0637, -8.6069

152.9270, 3.9800, -16.5990

162.0400, 5.8963, -24.5911

171.8540, 7.9600, -33.1980

180.9670, 9.8763, -41.1901

190.7810, 11.9400, -49.7969

Harmonies

Analogous

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

106.7730, 1.0979, 21.2471

105.9600, -5.8963, 24.5911

105.1570, -11.4164, 21.7873

Triad

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

105.9600, -5.8963, 24.5911

100.3870, -7.0928, -11.7404

102.1900, 15.1893, -18.5836

Complementary

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

105.9600, -5.8963, 24.5911

122.0400, 5.8963, -24.5911

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.

98.4830, 14.0589, -29.3646

105.9600, -5.8963, 24.5911

98.2590, 0.3653, -23.9061

Square

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

105.9600, -5.8963, 24.5911

102.6830, -12.6617, 1.1550

97.2780, 8.2439, -30.9388

105.0070, 12.8145, -3.5141

Rectangle

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

105.9600, -5.8963, 24.5911

104.2550, -13.4367, 16.4394

97.2780, 8.2439, -30.9388

100.5700, 15.4950, -23.3019

Sweetspot

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

105.9600, -5.8963, 24.5911

162.4850, -2.2111, 9.2217

110.5200, 11.5756, 20.5920

79.9900, -1.4741, 6.1478

214.0000, 0.0000, 0.0000

87.0000, 0.0000, 0.0000

Same Dimension

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

105.9600, -5.8963, 24.5911

129.5380, -9.1392, 38.1162

117.7000, -11.6841, 14.2951

61.7940, -0.8844, 3.6887

38.8700, -19.1629, 79.9210

0.8970, -0.4422, 1.8443

Inverse Universe

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

122.0400, 5.8963, -24.5911

154.4620, 9.1392, -38.1162

110.3000, 11.6841, -14.2951

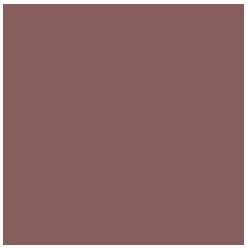
64.2060, 0.8844, -3.6887

91.1300, 19.1629, -79.9210

2.1030, 0.4422, -1.8443

Previews

White Background

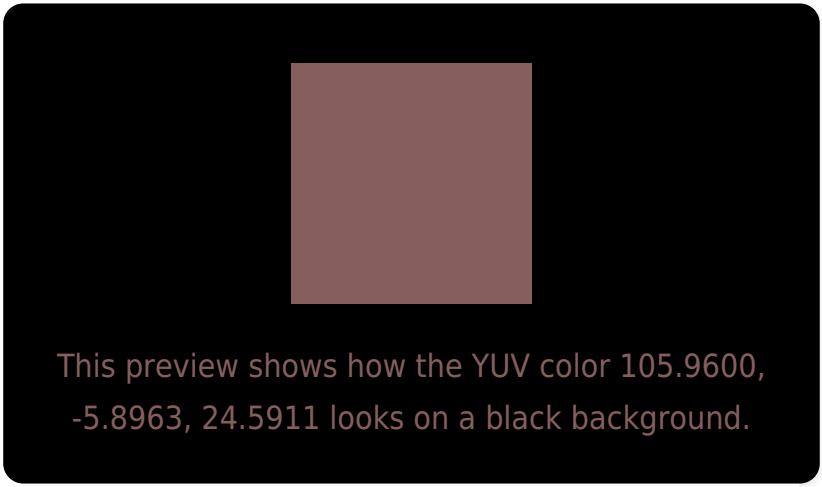


This preview shows how the YUV color 105.9600, -5.8963, 24.5911 looks on a white background.

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 ✕ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
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 105.9600, -5.8963, 24.5911

Background

This preview shows how black text looks on a background with the YUV color 105.9600, -5.8963, 24.5911.

This preview shows how white text looks on a background with the YUV color 105.9600, -5.8963,

24.5911.

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
105.9600, -5.8963, 24.5911

Protanopia
104.6260, -2.7736, 2.9590

Deuteranopia
105.4700, -6.1477, 11.8658

Tritanopia
106.3560, -3.1335, 25.1208

Trichromacy

Original Color
105.9600, -5.8963, 24.5911

Protanomaly
104.7410, -3.8163, 10.7511

Deuteranomaly
105.2040, -6.0166, 16.4841

Tritanomaly
106.1280, -4.0071, 25.3207

Monochromacy

Original Color
105.9600, -5.8963, 24.5911

Achromatopsia
106.0000, 0.0000, 0.0000

Achromatomaly
106.1860, -2.0637, 8.6069

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.9600, -5.8963, 24.5911 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(134, 94, 94) looks like.

```
.text, #text, p{
    color:rgb(134, 94, 94)
}
```

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(134, 94, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 94, 94) }
```

Border

The CSS property to change the border of an element to YUV 105.9600, -5.8963, 24.5911 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(134, 94, 94) }
```

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

```
.border{ border-color:rgb(134, 94, 94) }
```

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

Here you see how a box with a 4 pixel rgb(134, 94, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 94, 94); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 94, 94); box-shadow:4px 4px 4px 4px rgb(134, 94, 94) }
```

Background

The CSS property to change the background color of an element to YUV 105.9600, -5.8963, 24.5911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(134, 94, 94) }
```

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

```
.background{ background-color:rgb(134, 94, 94) }
```

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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