

Converting Colors

YUV(86.5160, -9.1284, 34.6275)

Have a look what the booklet for
YUV(86.5160, -9.1284, 34.6275)
contains.

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Color

**YUV(86.5160, -9.1284,
34.6275)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4644
RGB	126, 70, 68
RGB Percent	49%, 27%, 27%
CMY	0.5059, 0.7255, 0.7333
CMYK	0.00, 0.44, 0.46, 0.51
HSL	2°, 30%, 38%
HSV	2°, 46%, 49%
XYZ	11.8377, 9.2333, 6.6271
YIQ	86.5160, 34.0180, 11.2500

Conversions

Conversions Part 2

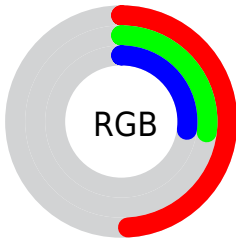
Format	Color
R_{YB}	126, 70, 68
Decimal	8275524
CIE _{Lab}	36.43, 23.71, 11.72
CIE _{LCh}	36, 26.448, 26.314
Yxy	9.2333, 0.4274, 0.3334
Android (android.graphics.Color)	4286465604 (0xFF7E4644)
YUV	86.5160, -9.1284, 34.6275
Hunter-Lab	30.3863, 16.3629, 8.3395

Details

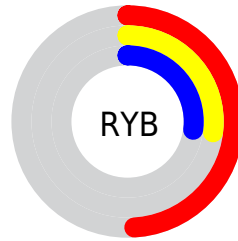
The YUV color **86.5160, -9.1284, 34.6275** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **107.4840, 9.1284, -34.6275**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.1960, -10.4496, 38.4161**, and **39.0640, -6.9336, 30.6389** is the 20% darker color. If you saturate the color by 10%, you get **77.9900, -11.3341, 42.1048**, and if you desaturate by 10%, it is **95.0420, -6.9227, 27.1502**.

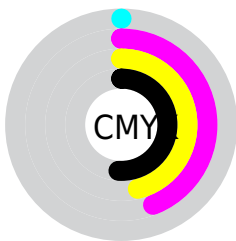
Distribution



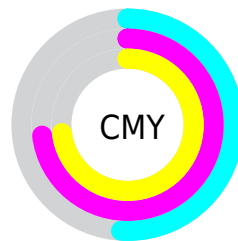
- Red (49%)
- Green (27%)
- Blue (27%)



- Red (49%)
- Yellow (27%)
- Blue (27%)



- Cyan (0%)
- Magenta (44%)
- Yellow (46%)
- Black (51%)



- Cyan (51%)
- Magenta (73%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5160, -9.1284, 34.6275 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 86.5160, -9.1284, 34.6275 by changing the saturation by 10% instead.

86.5160, -9.1284,
34.6275

86.5160, -9.1284,
34.6275

255.0000, 0.0000,
0.0000

62.7330, -8.2494,
32.6832

137.1960,
-10.4496, 38.4161

39.0640, -6.9336,
30.6389

163.7940,
-10.7444, 39.6457

16.1240, -7.9491,
29.7093

191.2780,
-11.4761, 40.9752

5.6810, -2.8007,
11.6808

215.8750,
-10.2914, 34.3126

0.0000, 0.0000,
0.0000

235.5030, -6.1640,
17.0989

254.6580, -1.3104,

0.2999

■ 86.5160, -9.1284,
34.6275

■ 86.5160, -9.1284,
34.6275

■ 77.9900, -11.3341,
42.1048

■ 95.0420, -6.9227,
27.1502

■ 69.5780, -13.1030,
49.4821

■ 103.4540, -5.1538,
19.7728

■ 61.0520, -15.3086,
56.9594

■ 111.9800, -2.9481,
12.2955

■ 52.0530, -16.7881,
64.8515

■ 120.9790, -1.4686,
4.4034

■ 43.5270, -18.9938,
72.3288

■ 129.5050, 0.7370,
-3.0739

■ 40.0220, -19.7308,
75.4027

■ 138.0310, 2.9427,
-10.5512

■ 146.4430, 4.7116,
-17.9285

■ 154.9690, 6.9173,
-25.4058

■ 163.3810, 8.6862,
-32.7831

Harmonies

Analogous

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



87.7250, 0.6286, 31.8132



86.5160, -9.1284, 34.6275



85.7080, -17.1110, 28.3201

Triad

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



86.5160, -9.1284, 34.6275



78.5770, -8.6655, -20.6770



80.8880, 23.2262, -29.7198

Complementary

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



86.5160, -9.1284, 34.6275



107.4840, 9.1284, -34.6275

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.



68.8580, 25.2130, -60.3885



86.5160, -9.1284, 34.6275



71.9680, 4.9458, -46.4529

Square

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



86.5160, -9.1284, 34.6275



82.1080, -17.3082, -1.8487



68.2080, 17.6455, -59.8184



86.7990, 18.3401, -2.4547

Rectangle

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



86.5160, -9.1284, 34.6275



84.5560, -19.9941, 19.6834



68.2080, 17.6455, -59.8184



76.8650, 24.7166, -41.1006

Sweetspot

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



86.5160, -9.1284, 34.6275



147.4640, -3.6798, 13.6251



91.7260, 15.9111, 30.0583



72.1860, -2.0637, 8.6069



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



86.5160, -9.1284, 34.6275



102.2580, -14.4242, 53.2707



103.5390, -17.5207, 19.6983



59.6800, -1.3212, 3.7886



40.6200, -20.0257, 76.6323



0.0000, 0.0000, 0.0000

Inverse Universe

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



107.4840, 9.1284, -34.6275



134.3290, 14.1348, -53.7855



90.4610, 17.5207, -19.6983



61.9070, 1.0318, -4.3034



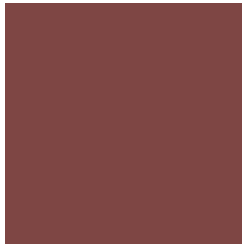
86.7930, 20.3151, -76.1175



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.5160, -9.1284, 34.6275 looks on a white background.

Color Contrast Check

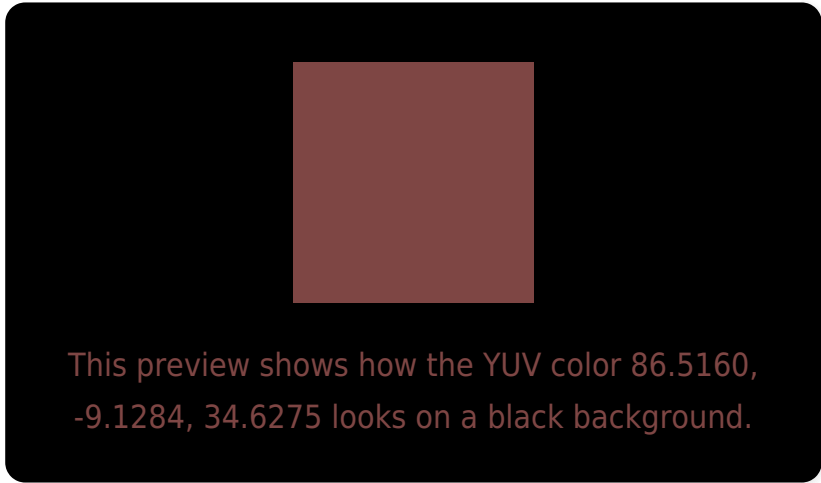
Large Text (above 18pt) WCAG AA ✓ Pass

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

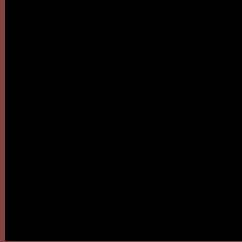
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5160, -9.1284, 34.6275

Background



This preview shows how black text looks on a background with the YUV color 86.5160, -9.1284, 34.6275.

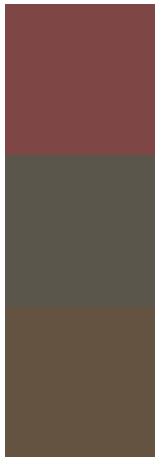


This preview shows how white text looks on a background with the YUV color 86.5160, -9.1284,

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

86.5160, -9.1284, 34.6275

Protanopia

86.0560, -4.9576, 3.4589

Deuteranopia

86.4440, -10.0789, 12.7656



Tritanopia

86.6130, -6.2182, 34.5424

Trichromacy



Original Color

86.5160, -9.1284, 34.6275

Protanomaly

86.0790, -6.4479, 14.8397

Deuteranomaly

86.3140, -9.5218, 20.7726

Tritanomaly

86.3850, -7.0918, 34.7424

Monochromacy



Original Color

86.5160, -9.1284, 34.6275

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8660, -3.3849, 12.3955

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5160, -9.1284, 34.6275 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(126, 70, 68)` looks like.

```
.text, #text, p{  
    color:rgb(126, 70, 68)  
}
```

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(126, 70, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 70, 68) }
```

Border

The CSS property to change the border of an element to YUV 86.5160, -9.1284, 34.6275 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(126, 70, 68) }
```


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

```
.border{ border-color:rgb(126, 70, 68) }
```

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

Here you see how a box with a 4 pixel rgb(126, 70, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 70, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 70, 68);  
box-shadow:4px 4px 4px 4px rgb(126, 70,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 86.5160, -9.1284, 34.6275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 70, 68) }
```

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

```
.background{ background-color: rgb(126, 70,  
68) }
```

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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