

Converting Colors

YUV(86.6540, -15.1124,
40.6454)

Have a look what the booklet for
YUV(86.6540, -15.1124, 40.6454)
contains.

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Color

**YUV(86.6540, -15.1124,
40.6454)**

Conversions

Conversions Part 1

Format	Color
Hex	854538
RGB	133, 69, 56
RGB Percent	52%, 27%, 22%
CMY	0.4784, 0.7294, 0.7804
CMYK	0.00, 0.48, 0.58, 0.48
HSL	10°, 41%, 37%
HSV	10°, 58%, 52%
XYZ	12.5148, 9.5283, 4.9209
YIQ	86.6540, 42.3170, 9.5250

Conversions

Conversions Part 2

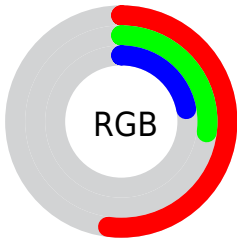
Format	Color
R_{YB}	133, 72, 56
Decimal	8734008
CIE _{Lab}	36.98, 26.00, 20.11
CIE _{LCh}	37, 32.867, 37.720
Yxy	9.5283, 0.4641, 0.3534
Android (android.graphics.Color)	4286924088 (0xFF854538)
YUV	86.6540, -15.1124, 40.6454
Hunter-Lab	30.8680, 18.3503, 12.1557

Details

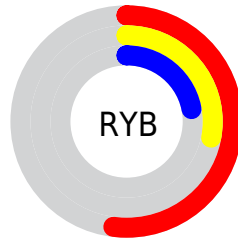
The YUV color **86.6540, -15.1124, 40.6454** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **102.3460, 15.1124, -40.6454**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5190, -17.0179, 45.1488**, and **38.6040, -12.6228, 35.4273** is the 20% darker color. If you saturate the color by 10%, you get **78.7150, -17.6075, 47.6079**, and if you desaturate by 10%, it is **94.5930, -12.6173, 33.6829**.

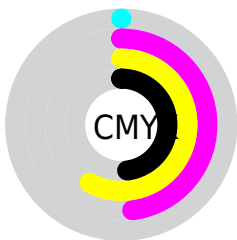
Distribution



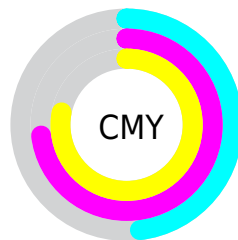
- Red (52%)
- Green (27%)
- Blue (22%)



- Red (52%)
- Yellow (28%)
- Blue (22%)



- Cyan (0%)
- Magenta (48%)
- Yellow (58%)
- Black (48%)



- Cyan (48%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.6540, -15.1124, 40.6454 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 86.6540, -15.1124, 40.6454 by changing the saturation by 10% instead.

86.6540, -15.1124,
40.6454

86.6540, -15.1124,
40.6454

255.0000, 0.0000,
0.0000

62.5720, -14.0860,
38.0864

137.5190,
-17.0179, 45.1488

38.6040, -12.6228,
35.4273

164.8890,
-18.1863, 46.5783

16.1460, -7.9600,
33.1980

192.0850,
-18.7759, 49.0375

7.8880, -3.3958,
15.8842

213.6920,
-16.1172, 36.2271

0.0000, 0.0000,
0.0000

233.3200,
-11.9898, 19.0134

252.9480, -7.8624,

1.7996

■ 86.6540, -15.1124,
40.6454

■ 86.6540, -15.1124,
40.6454

■ 78.7150, -17.6075,
47.6079

■ 94.5930, -12.6173,
33.6829

■ 70.6620, -20.5394,
54.6704

■ 102.6460, -9.6855,
26.6205

■ 62.7230, -23.0344,
61.6329

■ 110.5850, -7.1904,
19.6580

■ 54.7840, -25.5295,
68.5954

■ 118.5240, -4.6953,
12.6955

■ 52.6810, -25.9717,
70.4398

■ 126.5770, -1.7635,
5.6330

■ 134.5160, 0.7316,
-1.3295

■ 142.4550, 3.2267,
-8.2920

■ 150.3940, 5.7218,
-15.2545

■ 158.4470, 8.6536,
-22.3170

Harmonies

Analogous

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



87.4660, -3.1877, 42.5643



86.6540, -15.1124, 40.6454



85.4000, -23.3682, 28.5902

Triad

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



86.6540, -15.1124, 40.6454



74.0090, -3.9484, -40.3499



83.3490, 27.4359, -26.6161

Complementary

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



86.6540, -15.1124, 40.6454



102.3460, 15.1124, -40.6454

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.



71.2690, 31.9124, -62.5029



86.6540, -15.1124, 40.6454



69.3020, 11.6831, -60.7779

Square

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



86.6540, -15.1124, 40.6454



80.9990, -18.7335, -11.4001



71.6790, 23.3293, -62.8625



89.2070, 19.6179, 7.7115

Rectangle

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



86.6540, -15.1124, 40.6454



84.6390, -25.9510, 16.9796



71.6790, 23.3293, -62.8625



77.4610, 30.8317, -42.5003

Sweetspot

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



86.6540, -15.1124, 40.6454



155.6060, -5.7218, 15.2545



86.3190, 16.6047, 40.9392



76.1430, -3.5215, 9.5216



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.



86.6540, -15.1124, 40.6454



101.3210, -23.3293, 62.8625



108.9600, -26.1093, 21.0831



62.3810, -1.1738, 3.1739



51.7840, -25.5295, 68.5954



0.8970, -0.4422, 1.8443

Inverse Universe

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



102.3460, 15.1124, -40.6454



125.6790, 23.3293, -62.8625



80.0400, 26.1093, -21.0831



63.6190, 1.1738, -3.1739



78.2160, 25.5295, -68.5954



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 86.6540, -15.1124, 40.6454 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



This preview shows how the YUV color 86.6540, -15.1124, 40.6454 looks on a 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 86.6540, -15.1124, 40.6454

Background



This preview shows how black text looks on a background with the YUV color 86.6540, -15.1124, 40.6454.



This preview shows how white text looks on a background with the YUV color 86.6540, -15.1124,

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

86.6540, -15.1124, 40.6454

Protanopia

87.0580, -11.3676, 6.0881

Deuteranopia

87.0440, -16.7837, 16.6244



Tritanopia

87.6030, -7.6923, 40.6902

Trichromacy



Original Color

86.6540, -15.1124, 40.6454

Protanomaly

86.7930, -12.7159, 18.5985

Deuteranomaly

87.2130, -16.3740, 25.2462

Tritanomaly

87.5060, -10.6025, 40.7752

Monochromacy



Original Color

86.6540, -15.1124, 40.6454

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.7200, -5.2850, 15.1546

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.6540, -15.1124, 40.6454 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(133, 69, 56)` looks like.

```
.text, #text, p{  
    color:rgb(133, 69, 56)  
}
```

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(133, 69, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 69, 56) }
```

Border

The CSS property to change the border of an element to YUV 86.6540, -15.1124, 40.6454 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(133, 69, 56) }
```


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

```
.border{ border-color:rgb(133, 69, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 69, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 69, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 69, 56);  
box-shadow:4px 4px 4px 4px rgb(133, 69,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 86.6540, -15.1124, 40.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 69, 56) }
```

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

```
.background{ background-color: rgb(133, 69,  
56) }
```

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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