

Converting Colors

YUV(86.8590, -16.1995,
15.9097)

Have a look what the booklet for
YUV(86.8590, -16.1995, 15.9097)
contains.

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Color

**YUV(86.8590, -16.1995,
15.9097)**

Conversions

Conversions Part 1

Format	Color
Hex	695436
RGB	105, 84, 54
RGB Percent	41%, 33%, 21%
CMY	0.5882, 0.6706, 0.7882
CMYK	0.00, 0.20, 0.49, 0.59
HSL	35°, 32%, 31%
HSV	35°, 49%, 41%
XYZ	9.6619, 9.6102, 4.8358
YIQ	86.8590, 22.1460, -4.8780

Conversions

Conversions Part 2

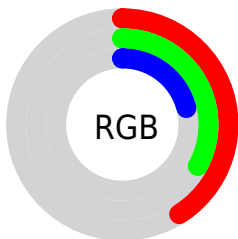
Format	Color
RYB	90, 105, 54
Decimal	6902838
CIELab	37.13, 4.33, 20.78
CIELCh	37, 21.229, 78.238
Yxy	9.6102, 0.4008, 0.3986
Android (android.graphics.Color)	4285092918 (0xFF695436)
YUV	86.8590, -16.1995, 15.9097
Hunter-Lab	31.0004, 1.3823, 12.4516

Details

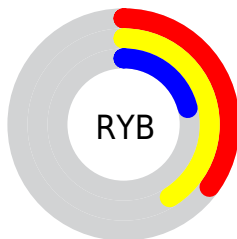
The YUV color **86.8590, -16.1995, 15.9097** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **72.1410, 16.1995, -15.9097**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.8270, -17.6627, 18.5687**, and **40.7770, -15.1731, 13.3506** is the 20% darker color. If you saturate the color by 10%, you get **83.2570, -19.8467, 19.0686**, and if you desaturate by 10%, it is **90.4610, -12.5523, 12.7507**.

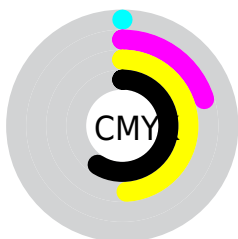
Distribution



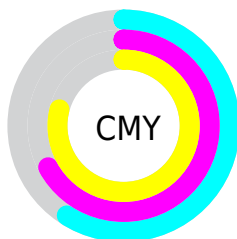
- Red (41%)
- Green (33%)
- Blue (21%)



- Red (35%)
- Yellow (41%)
- Blue (21%)



- Cyan (0%)
- Magenta (20%)
- Yellow (49%)
- Black (59%)



- Cyan (59%)
- Magenta (67%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8590, -16.1995, 15.9097 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 86.8590, -16.1995, 15.9097 by changing the saturation by 10% instead.

■ 86.8590, -16.1995,
15.9097

■ 86.8590, -16.1995,
15.9097

■ 255.0000, 0.0000,
0.0000

■ 63.3750, -15.4679,
14.5801

■ 136.8270,
-17.6627, 18.5687

■ 40.7770, -15.1731,
13.3506

■ 163.5990,
-18.5363, 18.7687

■ 21.3190, -10.5103,
11.1212

■ 190.7840,
-19.1205, 19.4834

■ 0.0000, 0.0000,
0.0000

■ 218.3820,
-19.4153, 20.7130

■ 242.4840,
-17.4936, 10.9765

■ 252.7200, -8.7360,

1.9996

■ 86.8590, -16.1995,
15.9097

■ 86.8590, -16.1995,
15.9097

■ 83.2570, -19.8467,
19.0686

■ 90.4610, -12.5523,
12.7507

■ 79.1820, -22.7677,
22.6424

■ 94.5360, -9.6312,
9.1769

■ 75.6940, -25.9781,
25.7014

■ 98.1380, -5.9840,
6.0180

■ 72.0920, -29.6254,
28.8603

■ 101.6260, -2.7736,
2.9590

■ 68.0170, -32.5464,
32.4341

■ 105.7010, 0.1474,
-0.6148

■ 67.7890, -33.4200,
32.6340

■ 109.3030, 3.7946,
-3.7737

■ 112.9050, 7.4418,
-6.9327

■ 116.9800, 10.3629,
-10.5065

■ 120.5820, 14.0101,
-13.6654

Harmonies

Analogous

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



87.9510, -12.3008, 25.4760



86.8590, -16.1995, 15.9097



85.2980, -15.4299, 2.3697

Triad

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



86.8590, -16.1995, 15.9097



76.6680, 10.0237, -41.8048



89.4110, 10.1504, 11.0406

Complementary

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



86.8590, -16.1995, 15.9097



72.1410, 16.1995, -15.9097

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.



87.4950, 16.0250, -6.5731



86.8590, -16.1995, 15.9097



77.2040, 17.1544, -42.2749

Square

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



86.8590, -16.1995, 15.9097



79.8240, 0.0868, -27.9096



82.9440, 18.2686, -26.2609



89.8380, 2.5449, 23.8211

Rectangle

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



86.8590, -16.1995, 15.9097



84.1550, -11.9084, -7.1519



82.9440, 18.2686, -26.2609



89.2470, 12.2032, 5.9224

Sweetspot

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



86.8590, -16.1995, 15.9097



130.3230, -6.5682, 6.7327



71.6430, 1.6550, 29.2541



64.5830, -4.2314, 3.8737



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.



86.8590, -16.1995, 15.9097



109.5090, -25.3939, 24.9866



97.9900, -21.6871, 2.6398



51.5550, -1.7526, 2.1443



75.4860, -37.2146, 36.4078



157.7830, -77.7870, 76.4893

Inverse Universe

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



72.1410, 16.1995, -15.9097



86.4910, 25.3939, -24.9866



61.0100, 21.6871, -2.6398



49.8580, 2.0420, -1.6295



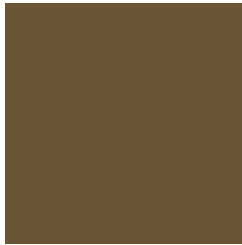
41.5140, 37.2146, -36.4078



87.2170, 77.7870, -76.4893

Previews

White Background



This preview shows how the YUV color 86.8590, -16.1995, 15.9097 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 86.8590, -16.1995, 15.9097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

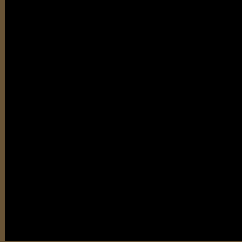
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.8590, -16.1995, 15.9097

Background



This preview shows how black text looks on a background with the YUV color 86.8590, -16.1995, 15.9097.



This preview shows how white text looks on a background with the YUV color 86.8590, -16.1995,

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

86.8590, -16.1995, 15.9097

Protanopia

86.3310, -15.4462, 7.6027

Deuteranopia

87.1580, -16.3469, 16.5244



Tritanopia

89.0560, -1.5066, 16.6139

Trichromacy



Original Color

86.8590, -16.1995, 15.9097

Protanomaly

86.9400, -15.7464, 10.5766

Deuteranomaly

87.1580, -16.3469, 16.5244

Tritanomaly

87.9760, -6.8902, 16.6840

Monochromacy



Original Color

86.8590, -16.1995, 15.9097

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1380, -5.9840, 6.0180

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8590, -16.1995, 15.9097 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, 84, 54)` looks like.

```
.text, #text, p{  
    color:rgb(105, 84, 54)  
}
```

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, 84, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 84, 54) }
```

Border

The CSS property to change the border of an element to YUV 86.8590, -16.1995, 15.9097 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, 84, 54) }
```


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

```
.border{ border-color:rgb(105, 84, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 84, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 84, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 84, 54);  
box-shadow:4px 4px 4px 4px rgb(105, 84,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 86.8590, -16.1995, 15.9097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 84, 54) }
```

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

```
.background{ background-color: rgb(105, 84,  
54) }
```

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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