

Converting Colors

YUV(85.1030, -16.3198, 7.8027)

Have a look what the booklet for
YUV(85.1030, -16.3198, 7.8027)
contains.

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Color

**YUV(85.1030, -16.3198,
7.8027)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5734
RGB	94, 87, 52
RGB Percent	37%, 34%, 20%
CMY	0.6314, 0.6588, 0.7961
CMYK	0.00, 0.07, 0.45, 0.63
HSL	50°, 29%, 29%
HSV	50°, 45%, 37%
XYZ	8.6441, 9.4440, 4.6161
YIQ	85.1030, 15.4070, -9.4010

Conversions

Conversions Part 2

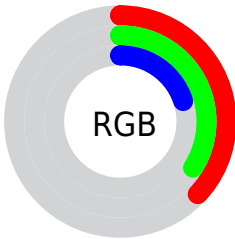
Format	Color
RYB	60, 94, 52
Decimal	6182708
CIELab	36.83, -2.84, 21.34
CIElCh	37, 21.529, 97.590
Yxy	9.4440, 0.3807, 0.4160
Android (android.graphics.Color)	4284372788 (0xFF5E5734)
YUV	85.1030, -16.3198, 7.8027
Hunter-Lab	30.7311, -3.5705, 12.6059

Details

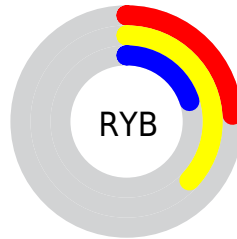
The YUV color **85.1030, -16.3198, 7.8027** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **60.8970, 16.3198, -7.8027**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.0600, -17.7776, 8.7174**, and **39.5050, -16.0250, 6.5731** is the 20% darker color. If you saturate the color by 10%, you get **82.9030, -19.6722, 9.7321**, and if you desaturate by 10%, it is **87.3030, -12.9674, 5.8733**.

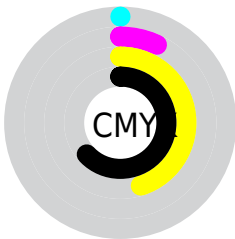
Distribution



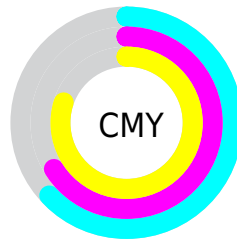
- Red (37%)
- Green (34%)
- Blue (20%)



- Red (24%)
- Yellow (37%)
- Blue (20%)



- Cyan (0%)
- Magenta (7%)
- Yellow (45%)
- Black (63%)



- Cyan (63%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1030, -16.3198, 7.8027 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 85.1030, -16.3198, 7.8027 by changing the saturation by 10% instead.

85.1030, -16.3198,
7.8027

85.1030, -16.3198,
7.8027

255.0000, 0.0000,
0.0000

61.9180, -15.7356,
7.0879

135.0600,
-17.7776, 8.7174

39.5050, -16.0250,
6.5731

161.2450,
-18.3618, 9.4321

20.0900, -9.9044,
3.4291

188.4300,
-18.9460, 10.1469

0.0000, 0.0000,
0.0000

216.3160,
-19.3828, 10.2469

244.0170,
-19.2354, 9.6321

252.4920, -9.6096,

2.1995

■ 85.1030, -16.3198,
7.8027

■ 85.1030, -16.3198,
7.8027

■ 82.9030, -19.6722,
9.7321

■ 87.3030, -12.9674,
5.8733

■ 81.1760, -23.7508,
11.2466

■ 89.0300, -8.8888,
4.3587

■ 78.9760, -27.1032,
13.1760

■ 91.2300, -5.5364,
2.4293

■ 77.2490, -31.1818,
14.6906

■ 92.9570, -1.4578,
0.9147

■ 75.0490, -34.5342,
16.6200

■ 95.1570, 1.8946,
-1.0147

■ 73.8920, -36.4288,
17.6347

■ 96.7700, 5.5364,
-2.4293

■ 99.0840, 9.3256,
-4.4587

■ 101.2840, 12.6780,
-6.3881

■ 103.0110, 16.7566,
-7.9026

Harmonies

Analogous

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



86.4080, -15.4841, 19.8132



85.1030, -16.3198, 7.8027



83.1550, -11.9084, -7.1519

Triad

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



85.1030, -16.3198, 7.8027



74.8400, 15.8549, -45.4637



88.9130, 5.4659, 20.2473

Complementary

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



85.1030, -16.3198, 7.8027



60.8970, 16.3198, -7.8027

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.



88.9480, 12.3506, 5.3076



85.1030, -16.3198, 7.8027



79.7150, 18.8745, -33.9531

Square

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



85.1030, -16.3198, 7.8027



76.5930, 7.1027, -38.2311



85.4940, 17.5045, -14.4652



88.1930, -2.5601, 27.8947

Rectangle

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



85.1030, -16.3198, 7.8027



81.1690, -6.4923, -17.6882



85.4940, 17.5045, -14.4652



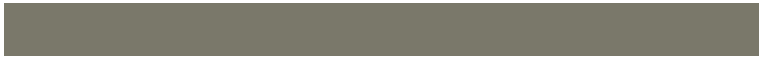
89.1620, 7.8081, 15.6439

Sweetspot

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



85.1030, -16.3198, 7.8027



119.0020, -6.4100, 2.6292



65.3560, -3.1335, 25.1208



59.2730, -4.0786, 1.5146



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



85.1030, -16.3198, 7.8027



108.0190, -25.6454, 12.2613



85.0260, -16.2818, -4.4078



44.8430, -1.8946, 1.0147



86.3070, -42.5494, 20.7788



187.0890, -92.2349, 43.7719

Inverse Universe

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



60.8970, 16.3198, -7.8027



69.9810, 25.6454, -12.2613



60.9740, 16.2818, 4.4078



42.1570, 1.8946, -1.0147



23.1060, 42.8387, -20.2640



50.4980, 91.9455, -44.2867

Previews

White Background



This preview shows how the YUV color 85.1030, -16.3198, 7.8027 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 85.1030, -16.3198, 7.8027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

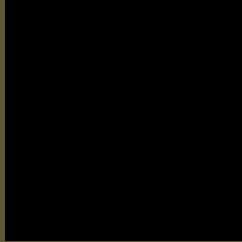
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1030, -16.3198, 7.8027

Background



This preview shows how black text looks on a background with the YUV color 85.1030, -16.3198, 7.8027.



This preview shows how white text looks on a background with the YUV color 85.1030, -16.3198,

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

85.1030, -16.3198, 7.8027

Protanopia

85.4020, -16.4672, 8.4174

Deuteranopia

86.1580, -16.3469, 16.5244



Tritanopia

88.1690, 0.4097, 8.6218

Trichromacy



Original Color

85.1030, -16.3198, 7.8027

Protanomaly

85.4020, -16.4672, 8.4174

Deuteranomaly

85.5490, -16.0467, 13.5505

Tritanomaly

86.9750, -5.4107, 8.7919

Monochromacy



Original Color

85.1030, -16.3198, 7.8027

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1030, -16.3198, 7.8027 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(94, 87, 52)` looks like.

```
.text, #text, p{  
    color:rgb(94, 87, 52)  
}
```

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(94, 87, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 87, 52) }
```

Border

The CSS property to change the border of an element to YUV 85.1030, -16.3198, 7.8027 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(94, 87, 52) }
```


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

```
.border{ border-color:rgb(94, 87, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 87, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 87, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 87, 52);  
box-shadow:4px 4px 4px 4px rgb(94, 87, 52)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.1030, -16.3198, 7.8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 87, 52) }
```

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

```
.background{ background-color: rgb(94, 87,  
52) }
```

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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