

Converting Colors

YUV(85.7570, -18.1212,
25.6461)

Have a look what the booklet for
YUV(85.7570, -18.1212, 25.6461)
contains.

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Color

**YUV(85.7570, -18.1212,
25.6461)**

Conversions

Conversions Part 1

Format	Color
Hex	734E31
RGB	115, 78, 49
RGB Percent	45%, 31%, 19%
CMY	0.5490, 0.6941, 0.8078
CMYK	0.00, 0.32, 0.57, 0.55
HSL	26°, 40%, 32%
HSV	26°, 57%, 45%
XYZ	10.3490, 9.3154, 4.1583
YIQ	85.7570, 31.3610, -1.1750

Conversions

Conversions Part 2

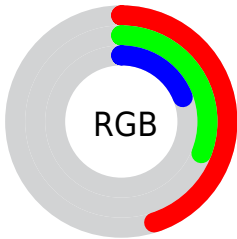
Format	Color
R _Y B	115, 101, 49
Decimal	7556657
CIE Lab	36.58, 12.10, 23.31
CIE LCh	37, 26.264, 62.568
Yxy	9.3154, 0.4344, 0.3910
Android (android.graphics.Color)	4285746737 (0xFF734E31)
YUV	85.7570, -18.1212, 25.6461
Hunter-Lab	30.5211, 7.1133, 13.2868

Details

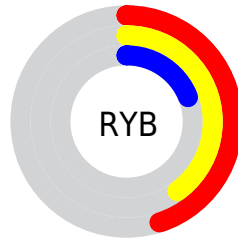
The YUV color **85.7570, -18.1212, 25.6461** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **78.2430, 18.1212, -25.6461**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.0240, -19.7318, 28.9200**, and **38.8490, -17.6736, 22.0574** is the 20% darker color. If you saturate the color by 10%, you get **80.9810, -21.1896, 29.8347**, and if you desaturate by 10%, it is **90.6470, -14.6160, 21.3576**.

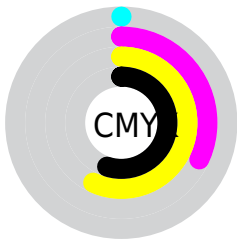
Distribution



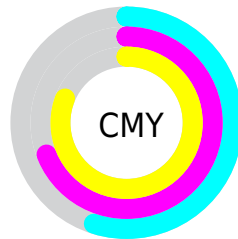
- Red (45%)
- Green (31%)
- Blue (19%)



- Red (45%)
- Yellow (40%)
- Blue (19%)



- Cyan (0%)
- Magenta (32%)
- Yellow (57%)
- Black (55%)



- Cyan (55%)
- Magenta (69%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.7570, -18.1212, 25.6461 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 85.7570, -18.1212, 25.6461 by changing the saturation by 10% instead.

■ 85.7570, -18.1212,
25.6461

■ 85.7570, -18.1212,
25.6461

■ 255.0000, 0.0000,
0.0000

■ 61.9740, -17.2422,
23.7018

■ 136.0240,
-19.7318, 28.9200

■ 38.8490, -17.6736,
22.0574

■ 162.5080,
-20.4634, 30.2495

■ 19.5910, -9.6584,
17.8987

■ 189.9920,
-21.1951, 31.5790

■ 0.0000, 0.0000,
0.0000

■ 217.4760,
-21.9267, 32.9085

■ 237.6910,
-18.0887, 15.1800

■ 252.0360,

-11.3567, 2.5994

■ 85.7570, -18.1212,
25.6461

■ 85.7570, -18.1212,
25.6461

■ 80.9810, -21.1896,
29.8347

■ 90.6470, -14.6160,
21.3576

■ 75.5040, -24.4055,
34.6380

■ 96.0100, -11.8369,
16.6542

■ 70.7280, -27.4739,
38.8265

■ 100.9000, -8.3317,
12.3657

■ 65.2510, -30.6897,
43.6299

■ 106.2630, -5.5527,
7.6623

■ 64.3220, -31.7107,
44.4446

■ 111.1530, -2.0474,
3.3738

■ 116.5160, 0.7316,
-1.3295

■ 121.4060, 4.2368,
-5.6181

■ 126.7690, 7.0159,
-10.3214

■ 131.6590, 10.5211,
-14.6099

Harmonies

Analogous

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



86.3480, -11.0176, 33.8978



85.7570, -18.1212, 25.6461



84.0990, -20.2618, 12.1912

Triad

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



85.7570, -18.1212, 25.6461



69.5480, 8.6038, -53.1006



88.0770, 16.7240, 2.5635

Complementary

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



85.7570, -18.1212, 25.6461



78.2430, 18.1212, -25.6461

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.



82.9920, 22.1889, -23.6720



85.7570, -18.1212, 25.6461



68.6640, 19.3926, -60.2183

Square

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



85.7570, -18.1212, 25.6461



77.9400, -5.8864, -25.3804



68.6130, 26.8128, -60.1736



89.0210, 8.3706, 21.9066

Rectangle

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



85.7570, -18.1212, 25.6461



82.8910, -18.1873, 0.0956



68.6130, 26.8128, -60.1736



86.8910, 18.7877, -6.0434

Sweetspot

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



85.7570, -18.1212, 25.6461



138.9320, -6.8685, 9.7066



72.9520, 6.4327, 36.8761



69.8930, -4.3842, 6.2328



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



85.7570, -18.1212, 25.6461



104.2120, -28.2055, 40.1561



105.1280, -27.6711, 8.6577



55.9680, -1.4632, 2.6591



68.1760, -33.6108, 47.2036



139.3200, -68.6848, 97.0664

Inverse Universe

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



78.2430, 18.1212, -25.6461



92.7880, 28.2055, -40.1561



58.8720, 27.6711, -8.6577



55.4450, 1.7526, -2.1443



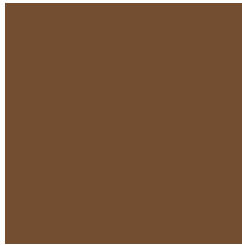
54.4110, 33.3214, -47.7184



110.6800, 68.6848, -97.0664

Previews

White Background



This preview shows how the YUV color 85.7570, -18.1212, 25.6461 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 85.7570, -18.1212, 25.6461 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 85.7570, -18.1212, 25.6461

Background



This preview shows how black text looks on a background with the YUV color 85.7570, -18.1212, 25.6461.



This preview shows how white text looks on a background with the YUV color 85.7570, -18.1212,

25.6461.

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

85.7570, -18.1212, 25.6461

Protanopia

84.5160, -16.0304, 8.3175

Deuteranopia

85.3000, -18.3889, 18.1539



Tritanopia

87.5410, -3.7177, 25.8355

Trichromacy



Original Color

85.7570, -18.1212, 25.6461

Protanomaly

85.0330, -16.7783, 14.8801

Deuteranomaly

85.6100, -18.5417, 20.5130

Tritanomaly

86.5750, -8.6645, 25.8057

Monochromacy



Original Color

85.7570, -18.1212, 25.6461

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0460, -6.4317, 9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7570, -18.1212, 25.6461 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(115, 78, 49)` looks like.

```
.text, #text, p{  
    color:rgb(115, 78, 49)  
}
```

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(115, 78, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 78, 49) }
```

Border

The CSS property to change the border of an element to YUV 85.7570, -18.1212, 25.6461 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(115, 78, 49) }
```


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

```
.border{ border-color:rgb(115, 78, 49) }
```

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

Here you see how a box with a 4 pixel rgb(115, 78, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 78, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 78, 49);  
box-shadow:4px 4px 4px 4px rgb(115, 78,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 85.7570, -18.1212, 25.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 78, 49) }
```

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

```
.background{ background-color: rgb(115, 78,  
49) }
```

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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