

Converting Colors

YUV(85.1510, 11.2646, 27.0546)

Have a look what the booklet for
YUV(85.1510, 11.2646, 27.0546)
contains.

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Color

**YUV(85.1510, 11.2646,
27.0546)**

Conversions

Conversions Part 1

Format	Color
Hex	74416C
RGB	116, 65, 108
RGB Percent	45%, 25%, 42%
CMY	0.5451, 0.7451, 0.5765
CMYK	0.00, 0.44, 0.07, 0.55
HSL	309°, 28%, 35%
HSV	309°, 44%, 45%
XYZ	11.7995, 8.5763, 15.2208
YIQ	85.1510, 16.5930, 24.1850

Conversions

Conversions Part 2

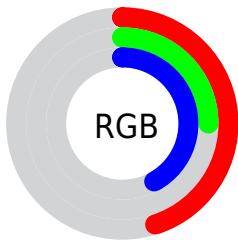
Format	Color
R_{YB}	116, 65, 108
Decimal	7618924
CIE Lab	35.16, 28.93, -15.60
CIE LCh	35, 32.868, 331.667
Yxy	8.5763, 0.3315, 0.2409
Android (android.graphics.Color)	4285809004 (0xFF74416C)
YUV	85.1510, 11.2646, 27.0546
Hunter-Lab	29.2853, 20.6712, -10.3158

Details

The YUV color **85.1510, 11.2646, 27.0546** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.8490, -11.2646, -27.0546**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6890, 11.9853, 29.2137**, and **37.1400, 11.2700, 25.3102** is the 20% darker color. If you saturate the color by 10%, you get **77.8790, 13.8637, 33.4321**, and if you desaturate by 10%, it is **92.4230, 8.6655, 20.6770**.

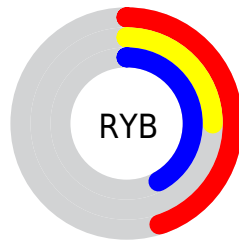
Distribution



Red (45%)

Green (25%)

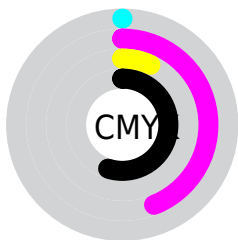
Blue (42%)



Red (45%)

Yellow (25%)

Blue (42%)

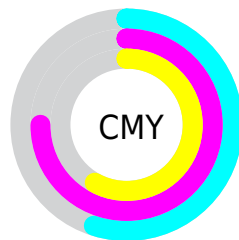


Cyan (0%)

Magenta (44%)

Yellow (7%)

Black (55%)



Cyan (55%)

Magenta (75%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1510, 11.2646, 27.0546 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 85.1510, 11.2646, 27.0546 by changing the saturation by 10% instead.

85.1510, 11.2646,
27.0546

85.1510, 11.2646,
27.0546

255.0000, 0.0000,
0.0000

61.4390, 11.1226,
25.9250

135.6890, 11.9853,
29.2137

37.1400, 11.2700,
25.3102

162.4010, 12.1273,
30.3433

17.3030, 10.6966,
22.5363

189.7000, 11.9799,
30.9581

5.5260, 5.6567,
5.6777

217.5260, 12.5587,
31.9877

0.0000, 0.0000,
0.0000

236.2160, 9.2605,
16.4736

252.6520, 1.1576,

2.0592

■ 85.1510, 11.2646,
27.0546

■ 85.1510, 11.2646,
27.0546

■ 77.8790, 13.8637,
33.4321

■ 92.4230, 8.6655,
20.6770

■ 71.1940, 16.1734,
39.2949

■ 99.1080, 6.3558,
14.8143

■ 64.0360, 19.2093,
45.5724

■ 106.2660, 3.3199,
8.5367

■ 57.3510, 21.5190,
51.4352

■ 112.9510, 1.0102,
2.6740

■ 50.0790, 24.1181,
57.8127

■ 120.2230, -1.5889,
-3.7036

■ 45.8560, 25.7070,
61.5163

■ 127.4950, -4.1880,
-10.0811

■ 134.1800, -6.4977,
-15.9439

■ 141.4520, -9.0968,
-22.3214

■ 148.0230,
-11.8433, -28.0842

Harmonies

Analogous

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



84.2170, 21.0920, 1.5637



85.1510, 11.2646, 27.0546



83.4380, -0.7089, 40.8349

Triad

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



85.1510, 11.2646, 27.0546



80.0300, -25.6508, 14.0057



68.1910, 20.1188, -59.8035

Complementary

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



85.1510, 11.2646, 27.0546



95.8490, -11.2646, -27.0546

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.



65.8140, 8.4727, -57.7189



85.1510, 11.2646, 27.0546



76.9780, -20.2022, -6.9967

Square

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



85.1510, 11.2646, 27.0546



81.3510, -22.3580, 31.2642



71.5430, -7.1697, -33.8022



68.5960, 29.2862, -60.1587

Rectangle

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



85.1510, 11.2646, 27.0546



82.3860, -8.5713, 42.6345



71.5430, -7.1697, -33.8022



67.8660, 16.3351, -59.5185

Sweetspot

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



85.1510, 11.2646, 27.0546



138.5050, 4.1880, 10.0811



73.2060, 21.0974, -0.1807



69.1410, 2.8885, 6.8923



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.



85.1510, 11.2646, 27.0546



102.2590, 17.6203, 41.8689



82.3010, 0.3446, 29.5540



55.3640, 1.2995, 3.1888



48.2200, 27.0065, 64.7051



98.8040, 55.3126, 132.5989

Inverse Universe

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



85.1510, 11.2646, 27.0546



102.2590, 17.6203, 41.8689



98.6990, -0.3446, -29.5540



55.3640, 1.2995, 3.1888



48.2200, 27.0065, 64.7051



98.8040, 55.3126, 132.5989

Previews

White Background



This preview shows how the YUV color 85.1510, 11.2646, 27.0546 looks on a white background.

Color Contrast Check

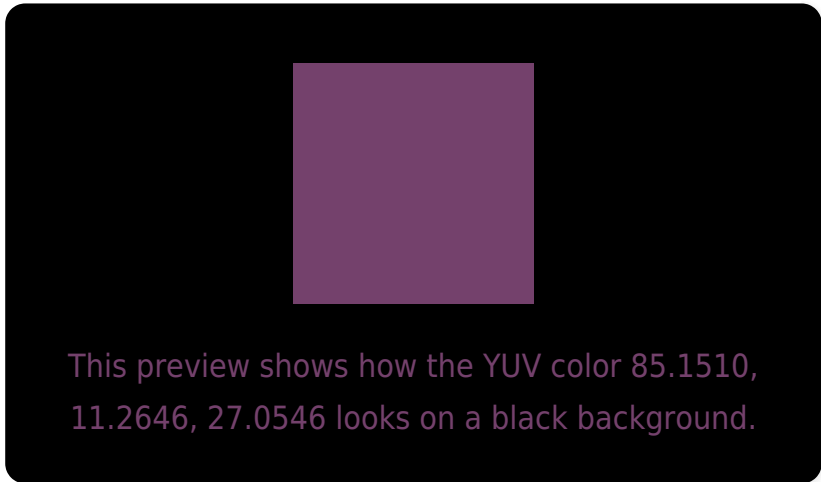
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.1510, 11.2646, 27.0546

Background



This preview shows how black text looks on a background with the YUV color 85.1510, 11.2646, 27.0546.



This preview shows how white text looks on a background with the YUV color 85.1510, 11.2646,

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

85.1510, 11.2646, 27.0546

Protanopia

82.8580, 18.8040, -11.2765

Deuteranopia

84.0240, 10.3412, -3.5290



Tritanopia

84.5300, -3.7123, 24.0912

Trichromacy



Original Color

85.1510, 11.2646, 27.0546

Protanomaly

83.8490, 15.8504, 2.7634

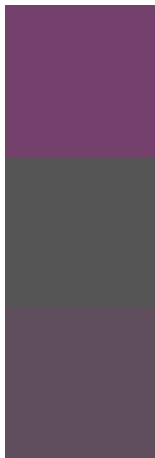
Deuteranomaly

84.5030, 10.5980, 7.4519

Tritanomaly

84.3220, 1.8133, 25.1506

Monochromacy



Original Color

85.1510, 11.2646, 27.0546

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0920, 3.8986, 9.5663

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1510, 11.2646, 27.0546 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(116, 65, 108)` looks like.

```
.text, #text, p{  
    color:rgb(116, 65, 108)  
}
```

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(116, 65, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 65, 108) }
```

Border

The CSS property to change the border of an element to YUV 85.1510, 11.2646, 27.0546 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(116, 65, 108) }
```


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

```
.border{ border-color:rgb(116, 65, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 65, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 65, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 65, 108);  
box-shadow:4px 4px 4px 4px rgb(116, 65,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 85.1510, 11.2646, 27.0546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 65, 108) }
```

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

```
.background{ background-color: rgb(116, 65,  
108) }
```

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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