

Converting Colors

YUV(75.8820, 15.8342, 7.9965)

Have a look what the booklet for
YUV(75.8820, 15.8342, 7.9965)
contains.

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Color

**YUV(75.8820, 15.8342,
7.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	55416C
RGB	85, 65, 108
RGB Percent	33%, 25%, 42%
CMY	0.6667, 0.7451, 0.5765
CMYK	0.21, 0.40, 0.00, 0.58
HSL	268°, 25%, 34%
HSV	268°, 40%, 42%
XYZ	8.3434, 6.7946, 15.0591
YIQ	75.8820, -1.8830, 17.6130

Conversions

Conversions Part 2

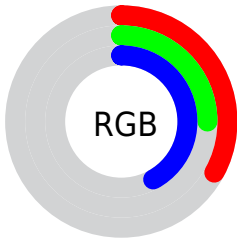
Format	Color
R_{YB}	85, 65, 108
Decimal	5587308
CIE _{Lab}	31.33, 18.19, -21.82
CIE _{LCh}	31, 28.403, 309.811
Yxy	6.7946, 0.2763, 0.2250
Android (android.graphics.Color)	4283777388 (0xFF55416C)
YUV	75.8820, 15.8342, 7.9965
Hunter-Lab	26.0664, 11.5182, -16.0065

Details

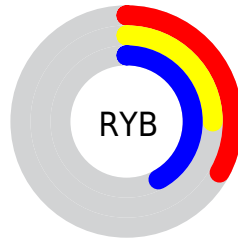
The YUV color **75.8820, 15.8342, 7.9965** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **97.1180, -15.8342, -7.9965**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.2350, 17.1391, 9.4409**, and **31.1160, 14.2398, 6.0373** is the 20% darker color. If you saturate the color by 10%, you get **67.6310, 19.9019, 9.9706**, and if you desaturate by 10%, it is **84.1330, 11.7664, 6.0224**.

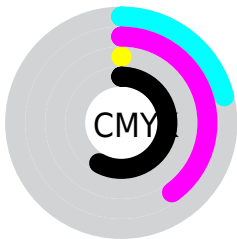
Distribution



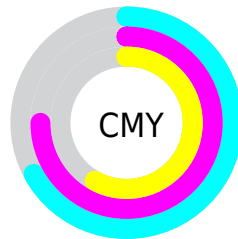
- Red (33%)
- Green (25%)
- Blue (42%)



- Red (33%)
- Yellow (25%)
- Blue (42%)



- Cyan (21%)
- Magenta (40%)
- Yellow (0%)
- Black (58%)



- Cyan (67%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8820, 15.8342, 7.9965 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 75.8820, 15.8342, 7.9965 by changing the saturation by 10% instead.

■ 75.8820, 15.8342,
7.9965

■ 75.8820, 15.8342,
7.9965

■ 255.0000, 0.0000,
0.0000

■ 53.0560, 15.2554,
6.9669

■ 125.2350, 17.1391,
9.4409

■ 31.1160, 14.2398,
6.0373

■ 151.3490, 17.5759,
9.3409

■ 10.7250, 13.9396,
9.0112

■ 177.8760, 18.3021,
9.7557

■ 2.4110, 6.6994,
-2.1144

■ 205.2890, 18.5915,
10.2705

■ 0.0000, 0.0000,
0.0000

■ 231.7640, 11.4553,
12.4850

■ 251.4780, 1.7363,

3.0888

■ 75.8820, 15.8342,
7.9965

■ 75.8820, 15.8342,
7.9965

■ 67.6310, 19.9019,
9.9706

■ 84.1330, 11.7664,
6.0224

■ 59.3800, 23.9697,
11.9447

■ 92.3840, 7.6987,
4.0482

■ 52.0150, 27.6006,
14.0188

■ 99.7490, 4.0677,
1.9741

■ 43.7640, 31.6683,
15.9930

■ 108.0000, 0.0000,
0.0000

■ 35.5130, 35.7361,
17.9671

■ 116.2510, -4.0677,
-1.9741

■ 27.2620, 39.8038,
19.9412

■ 124.5020, -8.1355,
-3.9483

■ 132.4540,
-12.0558, -6.5372

■ 140.1180,
-15.8342, -7.9965

■ 148.3690,
-19.9019, -9.9706

Harmonies

Analogous

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



71.4270, 22.4675, -19.6685



75.8820, 15.8342, 7.9965



75.7120, 7.0440, 27.4396

Triad

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



75.8820, 15.8342, 7.9965



72.5780, -20.0050, 23.1721



59.1290, 10.7824, -51.8561

Complementary

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



75.8820, 15.8342, 7.9965



97.1180, -15.8342, -7.9965

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.



62.4980, -2.2175, -35.5167



75.8820, 15.8342, 7.9965



71.1370, -21.2665, 7.7729

Square

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



75.8820, 15.8342, 7.9965



73.3650, -13.4909, 33.8829



68.6230, -15.0971, -11.0704



60.9360, 20.2446, -53.4409

Rectangle

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



75.8820, 15.8342, 7.9965



74.9210, 0.0389, 34.2723



68.6230, -15.0971, -11.0704



58.2170, 7.2880, -51.0563

Sweetspot

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



75.8820, 15.8342, 7.9965



127.3300, 6.2463, 3.2186



83.9900, 11.8369, -16.6542



63.6350, 3.6309, 2.0741



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



75.8820, 15.8342, 7.9965



89.9070, 24.6958, 12.3596



82.1610, 12.7386, 20.9068



49.5810, 2.1786, 1.2445



29.7830, 42.9980, 22.1153



62.0160, 90.2111, 45.5900

Inverse Universe

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



80.4790, 3.7079, 24.1359



97.1370, 5.8485, 37.5909



90.8390, -12.7386, -20.9068



50.1360, 0.4260, 3.3887



42.1650, 10.2717, 65.6303



88.1890, 21.1058, 137.5232

Previews

White Background



This preview shows how the YUV color 75.8820, 15.8342, 7.9965 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 75.8820, 15.8342, 7.9965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

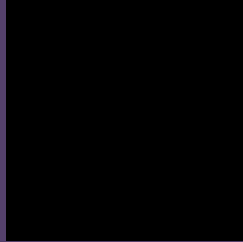
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8820, 15.8342, 7.9965

Background



This preview shows how black text looks on a background with the YUV color 75.8820, 15.8342, 7.9965.



This preview shows how white text looks on a background with the YUV color 75.8820, 15.8342,

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

75.8820, 15.8342, 7.9965

Protanopia

73.4880, 19.9724, -12.7060

Deuteranopia

73.1740, 16.1832, -10.6766



Tritanopia

74.9620, 1.0047, 4.4183

Trichromacy



Original Color

75.8820, 15.8342, 7.9965

Protanomaly

74.1900, 18.6403, -5.4286

Deuteranomaly

74.2180, 16.1615, -3.6992

Tritanomaly

75.0530, 6.3829, 6.0925

Monochromacy



Original Color

75.8820, 15.8342, 7.9965

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8820, 15.8342, 7.9965 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(85, 65, 108)` looks like.

```
.text, #text, p{  
    color:rgb(85, 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(85, 65, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 65, 108) }
```

Border

The CSS property to change the border of an element to YUV 75.8820, 15.8342, 7.9965 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(85, 65, 108) }
```


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

```
.border{ border-color:rgb(85, 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(85, 65, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 65, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 65, 108);  
box-shadow:4px 4px 4px 4px rgb(85, 65,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 75.8820, 15.8342, 7.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 65, 108) }
```

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

```
.background{ background-color: rgb(85, 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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