

Converting Colors

YUV(75.8610, 17.8165, 25.5549)

Have a look what the booklet for
YUV(75.8610, 17.8165, 25.5549)
contains.

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Color

**YUV(75.8610, 17.8165,
25.5549)**

Conversions

Conversions Part 1

Format	Color
Hex	693670
RGB	105, 54, 112
RGB Percent	41%, 21%, 44%
CMY	0.5882, 0.7882, 0.5608
CMYK	0.06, 0.52, 0.00, 0.56
HSL	293°, 35%, 33%
HSV	293°, 52%, 44%
XYZ	10.0695, 6.8114, 16.1133
YIQ	75.8610, 11.7780, 28.8500

Conversions

Conversions Part 2

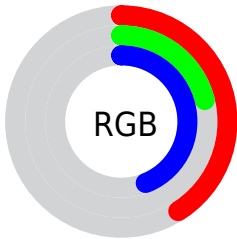
Format	Color
R_{YB}	105, 54, 112
Decimal	6895216
CIE _{Lab}	31.37, 32.39, -24.11
CIE _{LCh}	31, 40.379, 323.339
Yxy	6.8114, 0.3052, 0.2064
Android (android.graphics.Color)	4285085296 (0xFF693670)
YUV	75.8610, 17.8165, 25.5549
Hunter-Lab	26.0987, 23.1966, -18.3363

Details

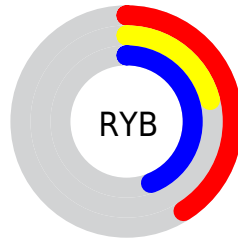
The YUV color **75.8610, 17.8165, 25.5549** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **90.1390, -17.8165, -25.5549**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.3990, 18.5373, 27.7141**, and **26.9750, 18.2533, 25.4549** is the 20% darker color. If you saturate the color by 10%, you get **69.1050, 21.1472, 30.6029**, and if you desaturate by 10%, it is **82.6170, 14.4858, 20.5069**.

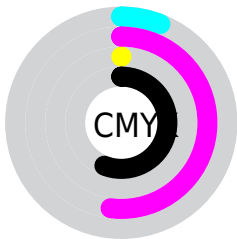
Distribution



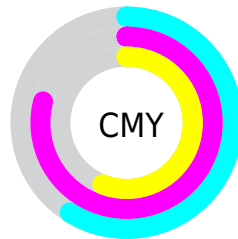
- Red (41%)
- Green (21%)
- Blue (44%)



- Red (41%)
- Yellow (21%)
- Blue (44%)



- Cyan (6%)
- Magenta (52%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (79%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8610, 17.8165, 25.5549 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 75.8610, 17.8165, 25.5549 by changing the saturation by 10% instead.

■ 75.8610, 17.8165,
25.5549

■ 75.8610, 17.8165,
25.5549

■ 255.0000, 0.0000,
0.0000

■ 51.4480, 17.5271,
25.0401

■ 126.3990, 18.5373,
27.7141

■ 26.9750, 18.2533,
25.4549

■ 152.8120, 18.8267,
28.2289

■ 15.5520, 13.0389,
17.9329

■ 179.6380, 19.4055,
29.2585

■ 2.8670, 8.4466,
-2.5144

■ 207.4640, 19.9842,
30.2881

■ 0.0000, 0.0000,
0.0000

■ 228.5850, 13.0226,
23.1660

■ 245.6080, 4.6303,

■ 75.8610, 17.8165,
25.5549

■ 75.8610, 17.8165,
25.5549

■ 69.1050, 21.1472,
30.6029

■ 82.6170, 14.4858,
20.5069

■ 62.0500, 24.6254,
35.0361

■ 89.6720, 11.0077,
16.0737

■ 54.7070, 28.2454,
40.5990

■ 97.0150, 7.3876,
10.5108

■ 47.9510, 31.5762,
45.6470

■ 103.7710, 4.0569,
5.4628

■ 42.0700, 34.4755,
49.0506

■ 110.8260, 0.5788,
1.0296

■ 117.5820, -2.7519,
-4.0184

■ 124.3380, -6.0826,
-9.0664

■ 131.9800, -9.8501,
-14.0145

■ 138.7360,
-13.1808, -19.0625

Harmonies

Analogous

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



72.9040, 29.1343, -11.3168



75.8610, 17.8165, 25.5549



72.5620, 4.6529, 47.7421

Triad

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



75.8610, 17.8165, 25.5549



69.6090, -33.8242, 22.2679



62.8280, 17.3398, -55.1002

Complementary

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



75.8610, 17.8165, 25.5549



90.1390, -17.8165, -25.5549

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.



59.0660, 2.9255, -51.8009



75.8610, 17.8165, 25.5549



66.4920, -29.8226, -1.3085

Square

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



75.8610, 17.8165, 25.5549



71.3630, -23.8430, 40.9006



60.0500, -12.8426, -34.2468



64.6180, 29.2753, -56.6700

Rectangle

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



75.8610, 17.8165, 25.5549



70.7770, -4.8201, 52.8156



60.0500, -12.8426, -34.2468



62.1610, 12.2456, -54.5152

Sweetspot

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



75.8610, 17.8165, 25.5549



130.9010, 6.9508, 10.6108



65.3080, 23.0192, -9.9171



65.1840, 4.3463, 5.9776



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



75.8610, 17.8165, 25.5549



88.8810, 27.6667, 39.5694



75.5600, 7.6119, 31.9579



52.1790, 1.8838, 2.4740



45.0750, 36.9380, 52.5542



93.0410, 75.9018, 108.7120

Inverse Universe

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



72.1400, -5.4920, 34.9572



83.1640, -8.4619, 54.2302



90.4400, -7.6119, -31.9579



51.9080, -0.4476, 3.5887



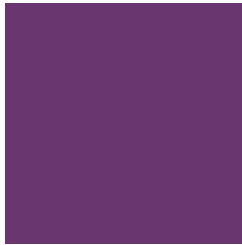
37.4760, -11.5737, 72.3735



77.2730, -23.3056, 148.8506

Previews

White Background



This preview shows how the YUV color 75.8610, 17.8165, 25.5549 looks on a white background.

Color Contrast Check

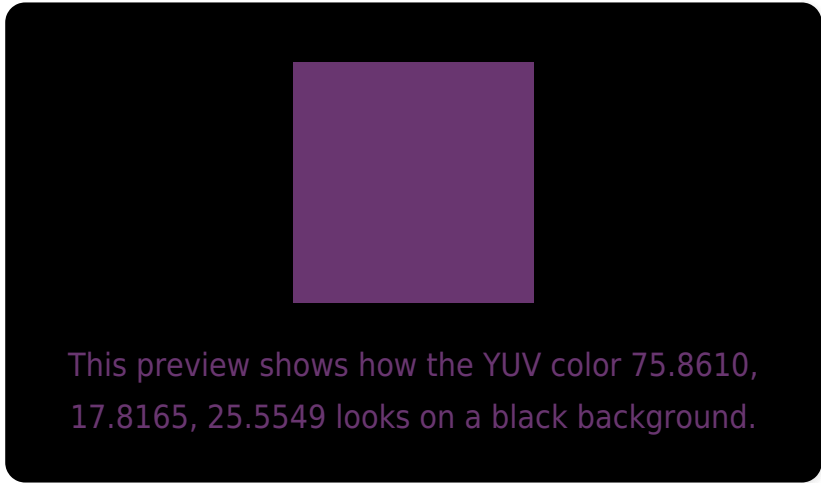
Large Text (above 18pt) WCAG AA ✓ Pass

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

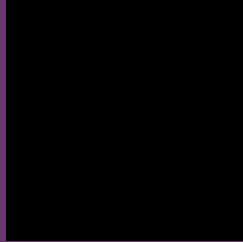
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8610, 17.8165, 25.5549

Background



This preview shows how black text looks on a background with the YUV color 75.8610, 17.8165, 25.5549.



This preview shows how white text looks on a background with the YUV color 75.8610, 17.8165,

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

75.8610, 17.8165, 25.5549

Protanopia

72.5070, 27.8510, -19.7386

Deuteranopia

73.6900, 16.9148, -12.0061



Tritanopia

75.6220, -3.2646, 20.5025

Trichromacy



Original Color

75.8610, 17.8165, 25.5549

Protanomaly

73.6940, 24.3079, -3.2396

Deuteranomaly

74.4790, 17.0189, 1.3339

Tritanomaly

75.6960, 4.5869, 22.1916

Monochromacy



Original Color

75.8610, 17.8165, 25.5549

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.0750, 6.3720, 9.5812

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8610, 17.8165, 25.5549 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, 54, 112)` looks like.

```
.text, #text, p{  
    color:rgb(105, 54, 112)  
}
```

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, 54, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 54, 112) }
```

Border

The CSS property to change the border of an element to YUV 75.8610, 17.8165, 25.5549 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, 54, 112) }
```


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

```
.border{ border-color:rgb(105, 54, 112) }
```

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

Here you see how a box with a 4 pixel rgb(105, 54, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 54, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 54, 112);  
box-shadow:4px 4px 4px 4px rgb(105, 54,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 75.8610, 17.8165, 25.5549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 54, 112) }
```

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

```
.background{ background-color: rgb(105, 54,  
112) }
```

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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