

Converting Colors

YUV(89.9460, 5.4496, 25.4804)

Have a look what the booklet for
YUV(89.9460, 5.4496, 25.4804)
contains.

YUV(89.9460, 5.4496, 25.4804)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(89.9460, 5.4496,
25.4804)**

Conversions

Conversions Part 1

Format	Color
Hex	774965
RGB	119, 73, 101
RGB Percent	47%, 29%, 40%
CMY	0.5333, 0.7137, 0.6039
CMYK	0.00, 0.39, 0.15, 0.53
HSL	323°, 24%, 38%
HSV	323°, 39%, 47%
XYZ	12.3393, 9.6266, 13.5197
YIQ	89.9460, 18.4280, 18.4600

Conversions

Conversions Part 2

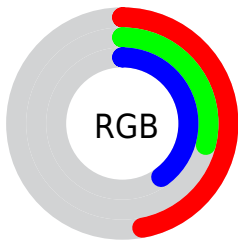
Format	Color
R_{YB}	119, 73, 101
Decimal	7817573
CIE _{Lab}	37.16, 24.02, -8.12
CIE _{LCh}	37, 25.354, 341.332
Yxy	9.6266, 0.3477, 0.2713
Android (android.graphics.Color)	4286007653 (0xFF774965)
YUV	89.9460, 5.4496, 25.4804
Hunter-Lab	31.0268, 16.6920, -4.1164

Details

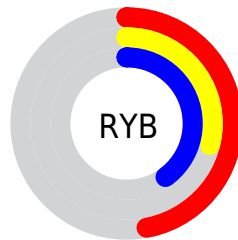
The YUV color **89.9460, 5.4496, 25.4804** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **102.0540, -5.4496, -25.4804**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3700, 5.7336, 27.7395**, and **42.6360, 5.6025, 23.1212** is the 20% darker color. If you saturate the color by 10%, you get **82.3320, 6.7383, 32.1578**, and if you desaturate by 10%, it is **97.5600, 4.1609, 18.8029**.

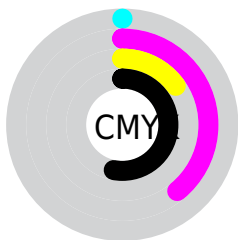
Distribution



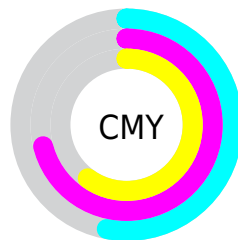
- Red (47%)
- Green (29%)
- Blue (40%)



- Red (47%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (15%)
- Black (53%)




- Cyan (53%)
- Magenta (71%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.9460, 5.4496, 25.4804 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 89.9460, 5.4496, 25.4804 by changing the saturation by 10% instead.

 89.9460, 5.4496,
25.4804

 89.9460, 5.4496,
25.4804


255.0000, 0.0000,
0.0000


 66.2340, 5.3076,
24.3508

 140.3700, 5.7336,
27.7395


 42.6360, 5.6025,
23.1212

 167.6690, 5.5862,
28.3543


 20.4510, 6.1867,
22.4065

 194.3810, 5.7282,
29.4839

 7.4900, 0.2514,
12.7253

 222.0820, 5.8756,
28.8691

 0.0000, 0.0000,
0.0000

 240.9120, 6.9454,
12.3552

■ 89.9460, 5.4496,
25.4804

■ 89.9460, 5.4496,
25.4804

■ 82.3320, 6.7383,
32.1578

■ 97.5600, 4.1609,
18.8029

■ 74.8320, 8.4638,
38.7353

■ 105.0600, 2.4354,
12.2254

■ 67.2180, 9.7525,
45.4128

■ 112.6740, 1.1467,
5.5479

■ 59.6040, 11.0412,
52.0903

■ 120.2880, -0.1420,
-1.1296

■ 52.1040, 12.7667,
58.6678

■ 127.2010, -1.5781,
-7.1923

■ 45.0770, 13.7660,
64.8305

■ 134.8150, -2.8668,
-13.8698

■ 43.7890, 13.9080,
65.9600

■ 142.4290, -4.1555,
-20.5472

■ 149.9290, -5.8810,

-27.1247

■ 157.5430, -7.1697,
-33.8022

Harmonies

Analogous

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



89.7250, 13.9396, 9.0112



89.9460, 5.4496, 25.4804



88.7700, -4.3236, 33.5277

Triad

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



89.9460, 5.4496, 25.4804



85.4080, -18.9351, 6.6582



69.9350, 21.7240, -61.3330

Complementary

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



89.9460, 5.4496, 25.4804



102.0540, -5.4496, -25.4804

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.



69.2530, 12.6933, -58.1039



89.9460, 5.4496, 25.4804



82.7910, -13.2080, -10.3407

Square

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



89.9460, 5.4496, 25.4804



86.9090, -18.6891, 21.1278



78.5310, -2.2338, -30.2837



77.9250, 23.7010, -42.0302

Rectangle

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



89.9460, 5.4496, 25.4804



88.1630, -10.4334, 33.1830



78.5310, -2.2338, -30.2837



69.8380, 18.8139, -61.2479

Sweetspot

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



89.9460, 5.4496, 25.4804



143.9350, 2.0040, 10.5810



83.6260, 17.4394, 6.4670



72.0870, 1.4361, 6.0627



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



89.9460, 5.4496, 25.4804



110.5440, 8.6058, 39.8649



87.3240, -4.5967, 27.7799



55.1360, 0.4260, 3.3887



45.0280, 14.7762, 67.5044



92.0780, 29.5415, 138.4976

Inverse Universe

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



89.9460, 5.4496, 25.4804



110.5440, 8.6058, 39.8649



104.6760, 4.5967, -27.7799



55.1360, 0.4260, 3.3887



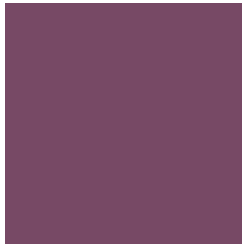
45.0280, 14.7762, 67.5044



92.0780, 29.5415, 138.4976

Previews

White Background



This preview shows how the YUV color 89.9460, 5.4496, 25.4804 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 89.9460, 5.4496, 25.4804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

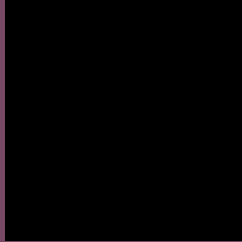
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.9460, 5.4496, 25.4804

Background



This preview shows how black text looks on a background with the YUV color 89.9460, 5.4496, 25.4804.

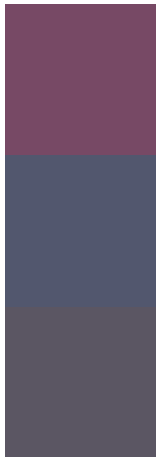


This preview shows how white text looks on a background with the YUV color 89.9460, 5.4496, 25.4804.

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

89.9460, 5.4496, 25.4804

Protanopia

88.1270, 10.7834, -5.3734

Deuteranopia

88.9770, 4.9413, 1.7742



Tritanopia

89.5300, -3.7123, 24.0912

Trichromacy



Original Color

89.9460, 5.4496, 25.4804

Protanomaly

88.7370, 9.0037, 5.4927

Deuteranomaly

89.1460, 5.3510, 10.3960

Tritanomaly

90.0400, -0.5127, 24.5209

Monochromacy



Original Color

89.9460, 5.4496, 25.4804

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2230, 1.8621, 9.4514

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.9460, 5.4496, 25.4804 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(119, 73, 101)` looks like.

```
.text, #text, p{  
    color:rgb(119, 73, 101)  
}
```

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(119, 73, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 73, 101) }
```

Border

The CSS property to change the border of an element to YUV 89.9460, 5.4496, 25.4804 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(119, 73, 101) }
```


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

```
.border{ border-color:rgb(119, 73, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 73, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 73, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 73, 101);  
box-shadow:4px 4px 4px 4px rgb(119, 73,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 89.9460, 5.4496, 25.4804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 73, 101) }
```

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

```
.background{ background-color: rgb(119, 73,  
101) }
```

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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