

Converting Colors

YUV(85.0090, 9.8556, 12.2701)

Have a look what the booklet for
YUV(85.0090, 9.8556, 12.2701)
contains.

YUV(85.0090, 9.8556, 12.2701)	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(85.0090, 9.8556,
12.2701)**

Conversions

Conversions Part 1

Format	Color
Hex	634A69
RGB	99, 74, 105
RGB Percent	39%, 29%, 41%
CMY	0.6118, 0.7098, 0.5882
CMYK	0.06, 0.30, 0.00, 0.59
HSL	288°, 17%, 35%
HSV	288°, 30%, 41%
XYZ	10.1442, 8.5701, 14.4841
YIQ	85.0090, 4.9490, 14.9410

Conversions

Conversions Part 2

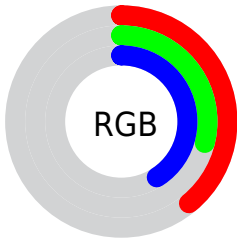
Format	Color
R_{YB}	99, 74, 105
Decimal	6507113
CIE Lab	35.14, 16.73, -13.92
CIE LCh	35, 21.760, 320.238
Yxy	8.5701, 0.3056, 0.2581
Android (android.graphics.Color)	4284697193 (0xFF634A69)
YUV	85.0090, 9.8556, 12.2701
Hunter-Lab	29.2748, 10.6222, -8.8423

Details

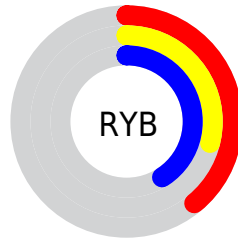
The YUV color **85.0090, 9.8556, 12.2701** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **93.9910, -9.8556, -12.2701**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.8350, 10.4343, 13.2997**, and **39.7700, 8.9874, 10.7257** is the 20% darker color. If you saturate the color by 10%, you get **78.5410, 13.0443, 16.1885**, and if you desaturate by 10%, it is **92.0640, 6.3774, 7.8369**.

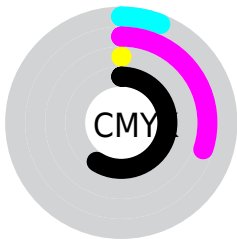
Distribution



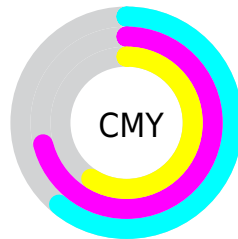
- Red (39%)
- Green (29%)
- Blue (41%)



- Red (39%)
- Yellow (29%)
- Blue (41%)



- Cyan (6%)
- Magenta (30%)
- Yellow (0%)
- Black (59%)



- Cyan (61%)
- Magenta (71%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.0090, 9.8556, 12.2701 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 85.0090, 9.8556, 12.2701 by changing the saturation by 10% instead.

■ 85.0090, 9.8556,
12.2701

■ 85.0090, 9.8556,
12.2701

■ 255.0000, 0.0000,
0.0000

■ 61.5960, 9.5662,
11.7553

■ 134.8350, 10.4343,
13.2997

■ 39.7700, 8.9874,
10.7257

■ 161.2480, 10.7237,
13.8145

■ 17.4820, 9.1294,
11.8553

■ 188.6610, 11.0131,
14.3293

■ 2.0690, 5.3890,
-1.8145

■ 216.0740, 11.3025,
14.8441

■ 0.0000, 0.0000,
0.0000

■ 240.9120, 6.9454,
12.3552

85.0090, 9.8556,
12.2701

85.0090, 9.8556,
12.2701

78.5410, 13.0443,
16.1885

92.0640, 6.3774,
7.8369

71.4860, 16.5224,
20.6218

98.5320, 3.1887,
3.9184

65.0180, 19.7111,
24.5402

105.5870, -0.2894,
-0.5148

57.9630, 23.1892,
28.9734

112.0550, -3.4781,
-4.4332

51.4950, 26.3780,
32.8919

119.1100, -6.9562,
-8.8665

44.4400, 29.8561,
37.3251

125.5780,
-10.1450, -12.7849

37.9720, 33.0448,
41.2436


132.6330,
-13.6231, -17.2181

37.3850, 33.3342,

139.1010,

41.7584

-16.8118, -21.1366

 146.1560,
-20.2899, -25.5698

Harmonies

Analogous

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



83.0930, 15.7302, -5.3436



85.0090, 9.8556, 12.2701



85.0230, 1.9607, 24.5358

Triad

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



85.0090, 9.8556, 12.2701



82.0330, -16.7783, 14.8801



70.1020, 11.7817, -45.6935

Complementary

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



85.0090, 9.8556, 12.2701



93.9910, -9.8556, -12.2701

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.



74.6280, 0.6764, -30.3688



85.0090, 9.8556, 12.2701



80.1130, -14.8457, 1.6549

Square

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



85.0090, 9.8556, 12.2701



83.4240, -13.0270, 25.0612



77.6210, -8.6872, -13.6996



71.2360, 18.6177, -44.9340

Rectangle

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



85.0090, 9.8556, 12.2701



83.9650, -3.4337, 28.0947



77.6210, -8.6872, -13.6996



71.5110, 8.1291, -40.7901

Sweetspot

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



85.0090, 9.8556, 12.2701



129.4720, 4.2043, 4.8481



81.0560, 11.8044, -6.1881



63.7060, 2.6099, 2.8888



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



85.0090, 9.8556, 12.2701



106.8340, 15.3648, 18.5626



85.7770, 5.0399, 16.8586



50.1790, 1.8838, 2.4740



41.7430, 37.1017, 46.7064



86.8330, 77.9763, 96.6165

Inverse Universe

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



83.9530, -1.9488, 18.4582



105.3780, -3.1444, 28.6095



93.2230, -5.0399, -16.8586



49.9080, -0.4476, 3.5887



37.6050, -7.2003, 69.6294



78.6130, -15.5852, 145.9214

Previews

White Background



This preview shows how the YUV color 85.0090, 9.8556, 12.2701 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 85.0090, 9.8556, 12.2701 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 85.0090, 9.8556, 12.2701

Background



This preview shows how black text looks on a background with the YUV color 85.0090, 9.8556, 12.2701.



This preview shows how white text looks on a background with the YUV color 85.0090, 9.8556,

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

85.0090, 9.8556, 12.2701

Protanopia

83.2130, 13.6990, -7.2028

Deuteranopia

83.3230, 10.1938, -2.9143



Tritanopia

84.0660, -0.0325, 10.4661

Trichromacy



Original Color

85.0090, 9.8556, 12.2701

Protanomaly

83.9150, 12.3669, 0.0745

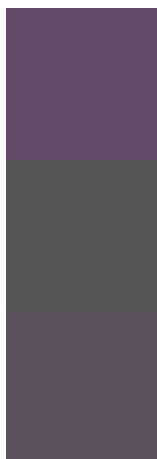
Deuteranomaly

83.6550, 10.0301, 2.9336

Tritanomaly

84.6900, 3.6038, 10.7959

Monochromacy



Original Color

85.0090, 9.8556, 12.2701

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9450, 3.4781, 4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0090, 9.8556, 12.2701 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(99, 74, 105)` looks like.

```
.text, #text, p{  
    color:rgb(99, 74, 105)  
}
```

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(99, 74, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 74, 105) }
```

Border

The CSS property to change the border of an element to YUV 85.0090, 9.8556, 12.2701 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(99, 74, 105) }
```


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

```
.border{ border-color:rgb(99, 74, 105) }
```

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

Here you see how a box with a 4 pixel rgb(99, 74, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 74, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 74, 105);  
box-shadow:4px 4px 4px 4px rgb(99, 74,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 85.0090, 9.8556, 12.2701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 74, 105) }
```

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

```
.background{ background-color: rgb(99, 74,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor