

Converting Colors

YUV(103.4590, 30.8327, 3.9825)

Have a look what the booklet for
YUV(103.4590, 30.8327, 3.9825)
contains.

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Color

**YUV(103.4590, 30.8327,
3.9825)**

Conversions

Conversions Part 1

Format	Color
Hex	6C59A6
RGB	108, 89, 166
RGB Percent	42%, 35%, 65%
CMY	0.5765, 0.6510, 0.3490
CMYK	0.35, 0.46, 0.00, 0.35
HSL	255°, 30%, 50%
HSV	255°, 46%, 65%
XYZ	16.6397, 13.0861, 37.7253
YIQ	103.4590, -13.3930, 27.9750

Conversions

Conversions Part 2

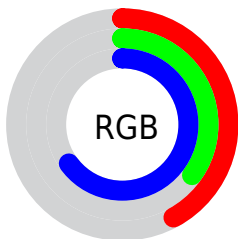
Format	Color
R_{YB}	108, 89, 166
Decimal	7100838
CIE _{Lab}	42.89, 25.86, -38.93
CIE _{LCh}	43, 46.738, 303.594
Yxy	13.0861, 0.2467, 0.1940
Android (android.graphics.Color)	4285290918 (0xFF6C59A6)
YUV	103.4590, 30.8327, 3.9825
Hunter-Lab	36.1747, 18.8009, -36.5091

Details

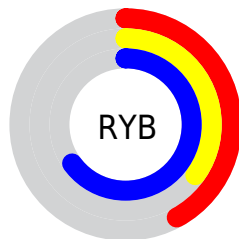
The YUV color **103.4590, 30.8327, 3.9825** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **151.5410, -30.8327, -3.9825**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.3390, 32.8639, 5.8417**, and **54.8670, 28.6596, 0.9936** is the 20% darker color. If you saturate the color by 10%, you get **89.5930, 37.6687, 4.7419**, and if you desaturate by 10%, it is **117.3250, 23.9968, 3.2230**.

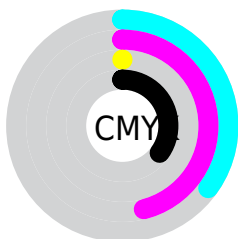
Distribution



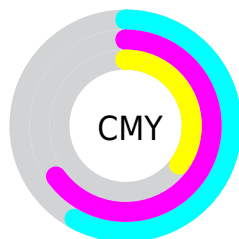
- Red (42%)
- Green (35%)
- Blue (65%)



- Red (42%)
- Yellow (35%)
- Blue (65%)



- Cyan (35%)
- Magenta (46%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (65%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.4590, 30.8327, 3.9825 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 103.4590, 30.8327, 3.9825 by changing the saturation by 10% instead.

■ 103.4590, 30.8327,
3.9825

■ 103.4590, 30.8327,
3.9825

■ 255.0000, 0.0000,
0.0000

■ 78.5190, 29.8171,
3.0528

■ 155.3390, 32.8639,
5.8417

■ 54.8670, 28.6596,
0.9936

■ 182.7520, 33.1533,
6.3565

■ 32.0300, 28.0862,
-1.7803

■ 207.5430, 23.3963,
9.1708

■ 8.0080, 28.0971,
-5.2690

■ 232.6500, 11.0186,
12.5850

■ 6.5490, 17.4773,
-5.7435

■ 252.0650, 1.4470,
2.5740

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,

0.0000

■ 103.4590, 30.8327,
3.9825

■ 103.4590, 30.8327,
3.9825

■ 89.5930, 37.6687,
4.7419

■ 117.3250, 23.9968,
3.2230

■ 76.6130, 44.0678,
5.6014

■ 130.3050, 17.5976,
2.3635

■ 62.7470, 50.9037,
6.3609

■ 144.1710, 10.7617,
1.6040

■ 49.7670, 57.3029,
7.2203

■ 157.1510, 4.3626,
0.7446

■ 35.9010, 64.1388,
7.9798

■ 171.0170, -2.4734,
-0.0149

■ 31.1830, 66.4648,
8.6095

■ 184.5840, -9.1619,
-1.3892

■ 197.8630,
-15.7085, -1.6339

■ 211.4300,
-22.3970, -3.0081

■ 224.7090,
-28.9435, -3.2528

Harmonies

Analogous

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



81.4540, 48.0902, -71.4352



103.4590, 30.8327, 3.9825



103.2160, 16.1625, 42.7836

Triad

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



103.4590, 30.8327, 3.9825



98.1540, -33.5999, 43.7149



82.4100, 11.1369, -72.2736

Complementary

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



103.4590, 30.8327, 3.9825



151.5410, -30.8327, -3.9825

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.



76.0890, -5.4669, -66.7301



103.4590, 30.8327, 3.9825



95.6380, -41.2335, 18.7345

Square

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



103.4590, 30.8327, 3.9825



98.5640, -18.5191, 60.0184



91.7140, -29.9320, -12.9042



86.1550, 28.0246, -75.5579

Rectangle

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



103.4590, 30.8327, 3.9825



100.4430, 5.2046, 57.4935



91.7140, -29.9320, -12.9042



80.2270, 5.3111, -70.3591

Sweetspot

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



103.4590, 30.8327, 3.9825



191.9260, 12.3615, 1.8189



132.4110, 16.5594, -38.0714



94.6610, 7.5621, 1.1743



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



103.4590, 30.8327, 3.9825



117.8780, 48.8671, 6.2460



114.5220, 25.3787, 26.7292



77.5100, 3.1996, 0.4297



27.6360, 59.3395, 7.3352



3.7750, 7.9989, 1.0743

Inverse Universe

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



118.6350, 13.9839, 41.5391



141.9660, 22.2018, 65.8048



140.4780, -25.3787, -26.7292



79.0760, 1.4415, 4.3183



56.9060, 26.6683, 79.8894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 103.4590, 30.8327, 3.9825 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 × Fail

Black Background



This preview shows how the YUV color 103.4590, 30.8327, 3.9825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 103.4590, 30.8327, 3.9825

Background



This preview shows how black text looks on a background with the YUV color 103.4590, 30.8327, 3.9825.



This preview shows how white text looks on a background with the YUV color 103.4590, 30.8327, 3.9825.

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

103.4590, 30.8327, 3.9825

Protanopia

98.0960, 37.9137, -27.2712

Deuteranopia

97.8910, 32.0987, -28.8454



Tritanopia

101.1180, 4.3788, -4.4885

Trichromacy



Original Color

103.4590, 30.8327, 3.9825

Protanomaly

99.8910, 35.5497, -15.6904

Deuteranomaly

99.8540, 31.6240, -16.5350

Tritanomaly

101.6590, 13.9721, -1.4549

Monochromacy



Original Color

103.4590, 30.8327, 3.9825

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

103.2850, 11.1985, 1.5041

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.4590, 30.8327, 3.9825 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(108, 89, 166)` looks like.

```
.text, #text, p{  
    color:rgb(108, 89, 166)  
}
```

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(108, 89, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 89, 166) }
```

Border

The CSS property to change the border of an element to YUV 103.4590, 30.8327, 3.9825 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(108, 89, 166) }
```


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

```
.border{ border-color:rgb(108, 89, 166) }
```

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

Here you see how a box with a 4 pixel rgb(108, 89, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 89, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 89, 166);  
box-shadow:4px 4px 4px 4px rgb(108, 89,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 103.4590, 30.8327, 3.9825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 89, 166) }
```

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

```
.background{ background-color: rgb(108, 89,  
166) }
```

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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