

Converting Colors

YUV(89.4670, 21.9548, 4.8524)

Have a look what the booklet for
YUV(89.4670, 21.9548, 4.8524)
contains.

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Color

**YUV(89.4670, 21.9548,
4.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	5F4E86
RGB	95, 78, 134
RGB Percent	37%, 31%, 53%
CMY	0.6275, 0.6941, 0.4745
CMYK	0.29, 0.42, 0.00, 0.47
HSL	258°, 26%, 42%
HSV	258°, 42%, 53%
XYZ	11.7468, 9.6029, 23.7887
YIQ	89.4670, -7.8440, 21.0200

Conversions

Conversions Part 2

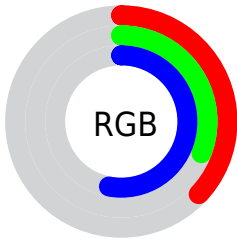
Format	Color
R_{YB}	95, 78, 134
Decimal	6246022
CIE _{Lab}	37.12, 20.09, -28.87
CIE _{LCh}	37, 35.173, 304.832
Yxy	9.6029, 0.2602, 0.2127
Android (android.graphics.Color)	4284436102 (0xFF5F4E86)
YUV	89.4670, 21.9548, 4.8524
Hunter-Lab	30.9886, 13.4337, -23.8226

Details

The YUV color **89.4670, 21.9548, 4.8524** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **122.5330, -21.9548, -4.8524**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9340, 23.6965, 6.1969**, and **42.7010, 20.3604, 2.8932** is the 20% darker color. If you saturate the color by 10%, you get **79.1450, 27.0435, 6.0118**, and if you desaturate by 10%, it is **99.7890, 16.8660, 3.6930**.

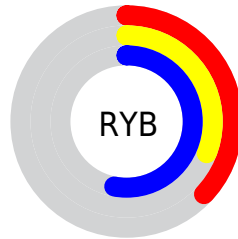
Distribution



Red (37%)

Green (31%)

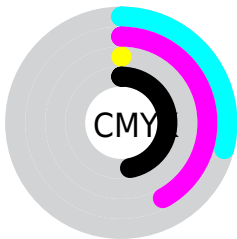
Blue (53%)



Red (37%)

Yellow (31%)

Blue (53%)

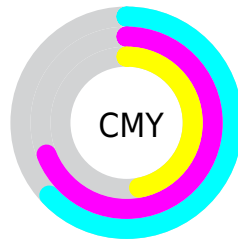


Cyan (29%)

Magenta (42%)

Yellow (0%)

Black (47%)



Cyan (63%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4670, 21.9548, 4.8524 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 89.4670, 21.9548, 4.8524 by changing the saturation by 10% instead.

■ 89.4670, 21.9548,
4.8524

■ 89.4670, 21.9548,
4.8524

■ 255.0000, 0.0000,
0.0000

■ 65.5270, 20.9392,
3.9228

■ 139.9340, 23.6965,
6.1969

■ 42.7010, 20.3604,
2.8932

■ 166.3470, 23.9859,
6.7117

■ 21.0490, 19.2028,
0.8340

■ 193.8740, 24.7121,
7.1265

■ 4.3320, 16.5983,
-3.7992

■ 219.9360, 17.2866,
8.8261

■ 2.2970, 6.2626,
-2.0145

■ 243.8470, 5.4984,
9.7812

■ 0.0000, 0.0000,
0.0000

■ 89.4670, 21.9548,
4.8524

■ 89.4670, 21.9548,
4.8524

■ 79.1450, 27.0435,
6.0118

■ 99.7890, 16.8660,
3.6930

■ 67.9370, 32.5691,
7.0713

■ 110.9970, 11.3405,
2.6336

■ 57.6150, 37.6578,
8.2306

■ 121.3190, 6.2517,
1.4742

■ 46.7060, 43.0359,
9.9048

■ 132.2280, 0.8736,
-0.2000

■ 36.0850, 48.2721,
10.4495

■ 142.8490, -4.3626,
-0.7446


■ 27.5350, 52.4872,
11.8088

■ 153.1710, -9.4513,
-1.9040

■ 164.0800,
-14.8294, -3.5782

■ 174.7010,

-20.0656, -4.1228

 185.6100,
-25.4437, -5.7970

Harmonies

Analogous

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



80.9180, 31.0994, -35.0081



89.4670, 21.9548, 4.8524



89.7710, 10.9589, 31.7728

Triad

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



89.4670, 21.9548, 4.8524



85.7810, -24.5420, 31.7641



69.6610, 10.5201, -61.0927

Complementary

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



89.4670, 21.9548, 4.8524



122.5330, -21.9548, -4.8524

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.



73.5420, -5.6902, -41.6943



89.4670, 21.9548, 4.8524



83.8620, -27.5400, 13.2760

Square

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



89.4670, 21.9548, 4.8524



86.7900, -14.6865, 44.0342



80.7280, -21.0649, -10.2855



72.8530, 22.7505, -63.8921

Rectangle

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



89.4670, 21.9548, 4.8524



88.2470, 2.3432, 41.8794



80.7280, -21.0649, -10.2855



68.5210, 6.1521, -60.0929

Sweetspot

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



89.4670, 21.9548, 4.8524



155.6010, 8.5777, 2.1039



107.2770, 13.1744, -25.6759



75.7920, 5.5255, 1.0594



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



89.4670, 21.9548, 4.8524



104.5780, 33.7320, 7.3861



97.8390, 17.8274, 22.0662



61.2820, 2.3260, 0.6297



26.4810, 51.0349, 10.9792



0.6410, 1.1630, 0.3148

Inverse Universe

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



99.1900, 8.7803, 30.5284



119.5540, 13.5309, 46.8721



114.1610, -17.8274, -22.0662



62.2500, 0.8628, 3.2888



49.2440, 20.5857, 70.8230



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 89.4670, 21.9548, 4.8524 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 89.4670, 21.9548, 4.8524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

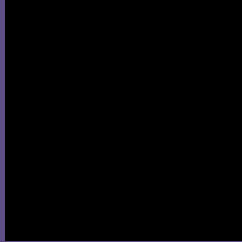
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.4670, 21.9548, 4.8524

Background



This preview shows how black text looks on a background with the YUV color 89.4670, 21.9548, 4.8524.



This preview shows how white text looks on a background with the YUV color 89.4670, 21.9548,

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

89.4670, 21.9548, 4.8524

Protanopia

86.2900, 26.9720, -17.7943

Deuteranopia

85.8510, 22.7515, -17.4093



Tritanopia

87.7980, 3.0576, -0.6998

Trichromacy



Original Color

89.4670, 21.9548, 4.8524

Protanomaly

87.4760, 24.9083, -9.1875

Deuteranomaly

87.4930, 22.4350, -9.2024

Tritanomaly

88.6440, 10.0355, 1.1892

Monochromacy



Original Color

89.4670, 21.9548, 4.8524

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0740, 7.8515, 1.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4670, 21.9548, 4.8524 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(95, 78, 134)` looks like.

```
.text, #text, p{  
    color:rgb(95, 78, 134)  
}
```

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(95, 78, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 78, 134) }
```

Border

The CSS property to change the border of an element to YUV 89.4670, 21.9548, 4.8524 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(95, 78, 134) }
```


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

```
.border{ border-color:rgb(95, 78, 134) }
```

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

Here you see how a box with a 4 pixel rgb(95, 78, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 78, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 78, 134);  
box-shadow:4px 4px 4px 4px rgb(95, 78,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 89.4670, 21.9548, 4.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 78, 134) }
```

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

```
.background{ background-color: rgb(95, 78,  
134) }
```

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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