

# Converting Colors

YUV(95.4620, 26.3942, 27.6588)

Have a look what the booklet for  
YUV(95.4620, 26.3942, 27.6588)  
contains.

<b>YUV(95.4620, 26.3942, 27.6588)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(95.4620, 26.3942,  
27.6588)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F4595
RGB	127, 69, 149
RGB Percent	50%, 27%, 58%
CMY	0.5020, 0.7294, 0.4157
CMYK	0.15, 0.54, 0.00, 0.42
HSL	284°, 37%, 43%
HSV	284°, 54%, 58%
XYZ	16.3053, 10.9382, 29.6857
YIQ	95.4620, 8.8880, 37.1760

# Conversions

## Conversions Part 2

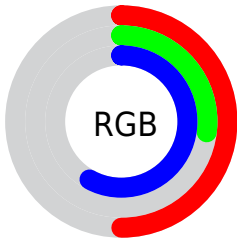
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	127, 69, 149
Decimal	8340885
CIE Lab	39.48, 38.70, -34.04
CIE LCh	39, 51.539, 318.669
Yxy	10.9382, 0.2864, 0.1921
Android (android.graphics.Color)	4286530965 (0xFF7F4595)
YUV	95.4620, 26.3942, 27.6588
Hunter-Lab	33.0729, 30.1249, -30.0666

# Details

The YUV color **95.4620, 26.3942, 27.6588** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **122.5380, -26.3942, -27.6588**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1140, 27.5518, 29.7180**, and **44.7500, 26.2523, 26.5293** is the 20% darker color. If you saturate the color by 10%, you get **85.4610, 31.3247, 32.9217**, and if you desaturate by 10%, it is **105.4630, 21.4637, 22.3959**.

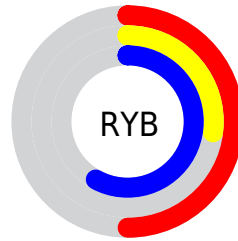
# Distribution



Red (50%)

Green (27%)

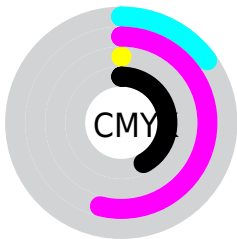
Blue (58%)



Red (50%)

Yellow (27%)

Blue (58%)

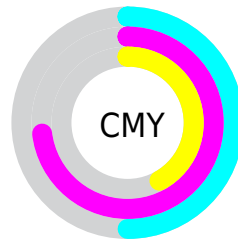


Cyan (15%)

Magenta (54%)

Yellow (0%)

Black (42%)



Cyan (50%)

Magenta (73%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 95.4620, 26.3942, 27.6588 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 95.4620, 26.3942, 27.6588 by changing the saturation by 10% instead.



■ 95.4620, 26.3942,  
27.6588

■ 95.4620, 26.3942,  
27.6588

■ 255.0000, 0.0000,  
0.0000

■ 70.6360, 25.8155,  
26.6292

■ 148.1140, 27.5518,  
29.7180

■ 44.7500, 26.2523,  
26.5293

■ 174.9400, 28.1306,  
30.7476

■ 23.2720, 24.5159,  
23.4405

■ 202.0820, 26.0886,  
32.3771

■ 15.0830, 17.7071,  
13.9592

■ 223.3020, 15.6271,  
27.7991

■ 4.3660, 11.6516,  
-3.8290

■ 239.7380, 7.5242,  
13.3848

■ 0.0000, 0.0000,  
0.0000

95.4620, 26.3942,  
27.6588

95.4620, 26.3942,  
27.6588

85.4610, 31.3247,  
32.9217

105.4630, 21.4637,  
22.3959

75.4600, 36.2552,  
38.1846

115.4640, 16.5332,  
17.1331

65.4590, 41.1857,  
43.4475

125.4650, 11.6028,  
11.8702

55.4580, 46.1162,  
48.7103

135.4660, 6.6723,  
6.6073

49.2780, 49.1629,  
51.4992


145.4670, 1.7418,  
1.3444

155.1800, -3.0467,  
-2.7889

165.1810, -7.9772,  
-8.0517

175.1820,

-12.9077, -13.3146

 185.1830,  
-17.8382, -18.5775

# Harmonies

## Analogous

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



88.4100, 41.7029, -29.3006



95.4620, 26.3942, 27.6588



90.4310, 10.1405, 61.0120

# Triad

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



95.4620, 26.3942, 27.6588



87.5690, -43.1715, 33.7040



79.3100, 19.5672, -69.5549

# Complementary

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



95.4620, 26.3942, 27.6588



122.5380, -26.3942, -27.6588

# 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.



73.7070, 0.6374, -64.6410



95.4620, 26.3942, 27.6588



84.4250, -41.6215, 3.1353

# Square

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



95.4620, 26.3942, 27.6588



88.7950, -28.9859, 57.1848



76.0250, -21.7043, -38.6099



82.3540, 36.3075, -72.2245



# Rectangle

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



95.4620, 26.3942, 27.6588



87.5710, -2.2535, 69.6592



76.0250, -21.7043, -38.6099



77.6000, 13.0152, -68.0552

# Sweetspot

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



95.4620, 26.3942, 27.6588



173.1120, 10.2978, 10.4258



91.6210, 28.2878, -19.8386



84.3520, 6.2355, 6.7073



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



95.4620, 26.3942, 27.6588



111.0460, 40.8963, 42.9327



100.1020, 15.7257, 42.8835



69.2930, 2.3206, 2.3740



45.6320, 45.5374, 47.6807



3.2330, 3.3361, 3.3037



# Inverse Universe

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



95.4280, -2.1830, 46.9826



110.9520, -3.4273, 72.8331



117.8980, -15.7257, -42.8835



69.3210, -0.1583, 4.1035



45.5940, -3.7438, 81.0401

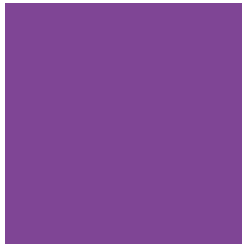


3.3320, -0.1637, 5.8478



# Previews

## White Background



This preview shows how the YUV color 95.4620, 26.3942, 27.6588 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 95.4620, 26.3942, 27.6588 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

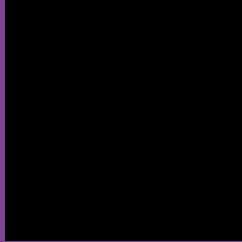
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.4620, 26.3942, 27.6588

## Background



This preview shows how black text looks on a background with the YUV color 95.4620, 26.3942, 27.6588.



This preview shows how white text looks on a background with the YUV color 95.4620, 26.3942,



# 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

95.4620, 26.3942, 27.6588

### Protanopia

89.1280, 39.3769, -29.9303

### Deuteranopia

91.0400, 26.1093, -21.0831



## Tritanopia

94.8500, -2.3911, 20.3025

# Trichromacy



## Original Color

95.4620, 26.3942, 27.6588

## Protanomaly

91.4080, 34.8019, -9.1278

## Deuteranomaly

92.5630, 26.3444, -3.1248

## Tritanomaly

95.2060, 7.7864, 22.6213

# Monochromacy



## Original Color

95.4620, 26.3942, 27.6588

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

95.5850, 9.5716, 10.0110

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.4620, 26.3942, 27.6588 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(127, 69, 149)` looks like.

```
.text, #text, p{  
    color:rgb(127, 69, 149)  
}
```

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(127, 69, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 69, 149) }
```

## Border

The CSS property to change the border of an element to YUV 95.4620, 26.3942, 27.6588 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(127, 69, 149) }
```



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

```
.border{ border-color:rgb(127, 69, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 69, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 69, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 69, 149);  
box-shadow:4px 4px 4px 4px rgb(127, 69,  
149) }
```

# Background

The CSS property to change the background color of an element to YUV 95.4620, 26.3942, 27.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 69, 149) }
```

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

```
.background{ background-color: rgb(127, 69,  
149) }
```

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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