

Converting Colors

YUV(67.8770, 13.3716, 4.4929)

Have a look what the booklet for
YUV(67.8770, 13.3716, 4.4929)
contains.

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Color

**YUV(67.8770, 13.3716,
4.4929)**

Conversions

Conversions Part 1

Format	Color
Hex	493C5F
RGB	73, 60, 95
RGB Percent	29%, 24%, 37%
CMY	0.7137, 0.7647, 0.6275
CMYK	0.23, 0.37, 0.00, 0.63
HSL	262°, 23%, 30%
HSV	262°, 37%, 37%
XYZ	6.4291, 5.4744, 11.5443
YIQ	67.8770, -3.4870, 13.6410

Conversions

Conversions Part 2

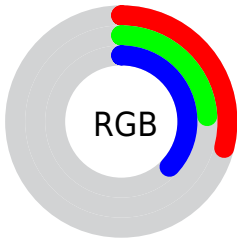
Format	Color
R_{YB}	73, 60, 95
Decimal	4799583
CIE _{Lab}	28.05, 13.87, -18.72
CIE _{LCh}	28, 23.298, 306.538
Yxy	5.4744, 0.2742, 0.2335
Android (android.graphics.Color)	4282989663 (0xFF493C5F)
YUV	67.8770, 13.3716, 4.4929
Hunter-Lab	23.3975, 8.1021, -12.8754

Details

The YUV color **67.8770, 13.3716, 4.4929** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **87.1230, -13.3716, -4.4929**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9310, 14.8240, 5.3225**, and **24.5240, 12.0667, 3.0485** is the 20% darker color. If you saturate the color by 10%, you get **60.8000, 16.8606, 5.4374**, and if you desaturate by 10%, it is **75.5410, 9.5933, 3.0335**.

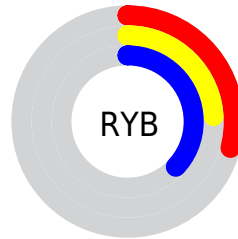
Distribution



Red (29%)

Green (24%)

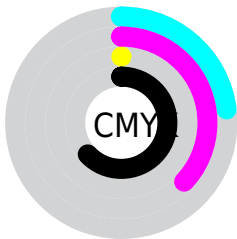
Blue (37%)



Red (29%)

Yellow (24%)

Blue (37%)

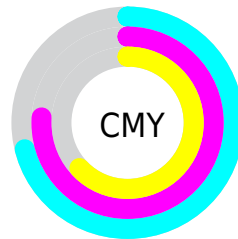


Cyan (23%)

Magenta (37%)

Yellow (0%)

Black (63%)



Cyan (71%)

Magenta (76%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.8770, 13.3716, 4.4929 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 67.8770, 13.3716, 4.4929 by changing the saturation by 10% instead.

■ 67.8770, 13.3716,
4.4929

■ 67.8770, 13.3716,
4.4929

■ 255.0000, 0.0000,
0.0000

■ 45.3500, 12.6454,
4.0780

■ 115.9310, 14.8240,
5.3225

■ 24.5240, 12.0667,
3.0485

■ 141.9310, 14.8240,
5.3225

■ 3.1920, 12.2303,
-2.7994

■ 168.4580, 15.5502,
5.7373

■ 0.0000, 0.0000,
0.0000

■ 195.8710, 15.8396,
6.2521

■ 223.7570, 15.4028,
6.3521

■ 247.3690, 3.7621,

6.6924

■ 67.8770, 13.3716,
4.4929

■ 67.8770, 13.3716,
4.4929

■ 60.8000, 16.8606,
5.4374

■ 75.5410, 9.5933,
3.0335

■ 53.1360, 20.6390,
6.8967

■ 82.6180, 6.1043,
2.0890

■ 46.0590, 24.1279,
7.8413

■ 90.2820, 2.3260,
0.6297

■ 38.3950, 27.9063,
9.3006

■ 97.3590, -1.1630,
-0.3148

■ 31.3180, 31.3952,
10.2451

■ 105.0230, -4.9413,
-1.7742

■ 23.6540, 35.1736,
11.7044

■ 112.1000, -8.4303,
-2.7187

■ 21.2950, 36.3366,
12.0193

■ 119.1770,
-11.9193, -3.6632

■ 126.8410,
-15.6976, -5.1226

■ 134.5050,
-19.4760, -6.5819

Harmonies

Analogous

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



64.1130, 18.6783, -17.6391



67.8770, 13.3716, 4.4929



68.4400, 6.1921, 20.6621

Triad

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



67.8770, 13.3716, 4.4929



65.5930, -16.0683, 20.5279



52.0050, 8.8715, -45.6084

Complementary

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



67.8770, 13.3716, 4.4929



87.1230, -13.3716, -4.4929

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.



58.5210, -3.7079, -24.1359



67.8770, 13.3716, 4.4929



63.9890, -16.7566, 7.9026

Square

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



67.8770, 13.3716, 4.4929



66.2440, -9.9803, 27.8500



62.0410, -12.3452, -7.0520



53.9430, 16.2971, -47.3080

Rectangle

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



67.8770, 13.3716, 4.4929



67.6920, 0.6448, 26.5801



62.0410, -12.3452, -7.0520



53.0010, 4.9295, -41.2199

Sweetspot

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



67.8770, 13.3716, 4.4929



111.9770, 4.9413, 1.7742



76.9040, 8.9213, -14.8248



54.8090, 3.0522, 1.0445



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



67.8770, 13.3716, 4.4929



81.0220, 20.2022, 6.9967



72.9600, 10.8657, 14.9441



44.7550, 1.5998, 0.2149



25.3260, 42.7303, 14.6231



53.9710, 91.7123, 30.7204

Inverse Universe

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



72.9730, 4.4503, 19.3177



88.6090, 6.6018, 29.2839



82.0400, -10.8657, -14.9441



45.5380, 0.7208, 2.1592



41.5820, 14.5031, 61.7566



88.9740, 30.5788, 132.4498

Previews

White Background



This preview shows how the YUV color 67.8770, 13.3716, 4.4929 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 67.8770, 13.3716, 4.4929 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 67.8770, 13.3716, 4.4929

Background



This preview shows how black text looks on a background with the YUV color 67.8770, 13.3716, 4.4929.

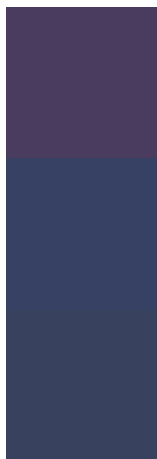


This preview shows how white text looks on a background with the YUV color 67.8770, 13.3716,

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

67.8770, 13.3716, 4.4929

Protanopia

65.8860, 16.3252, -9.5470

Deuteranopia

66.2020, 13.7044, -8.9472



Tritanopia

66.7660, 1.5944, 1.9592

Trichromacy



Original Color

67.8770, 13.3716, 4.4929

Protanomaly

66.6910, 15.4353, -4.1140

Deuteranomaly

66.8220, 13.3988, -4.2289

Tritanomaly

66.9170, 5.9569, 2.7038

Monochromacy



Original Color

67.8770, 13.3716, 4.4929

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.9770, 4.9413, 1.7742

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.8770, 13.3716, 4.4929 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(73, 60, 95)` looks like.

```
.text, #text, p{  
    color:rgb(73, 60, 95)  
}
```

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(73, 60, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 60, 95) }
```

Border

The CSS property to change the border of an element to YUV 67.8770, 13.3716, 4.4929 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(73, 60, 95) }
```


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

```
.border{ border-color:rgb(73, 60, 95) }
```

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

Here you see how a box with a 4 pixel rgb(73, 60, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 60, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 60, 95);  
box-shadow:4px 4px 4px 4px rgb(73, 60, 95)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.8770, 13.3716, 4.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 60, 95) }
```

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

```
.background{ background-color: rgb(73, 60,  
95) }
```

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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