

Converting Colors

YUV(72.8450, 15.3594, 20.3069)

Have a look what the booklet for
YUV(72.8450, 15.3594, 20.3069)
contains.

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Color

**YUV(72.8450, 15.3594,
20.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	603768
RGB	96, 55, 104
RGB Percent	38%, 22%, 41%
CMY	0.6235, 0.7843, 0.5922
CMYK	0.08, 0.47, 0.00, 0.59
HSL	290°, 31%, 31%
HSV	290°, 47%, 41%
XYZ	8.6887, 6.2186, 13.8391
YIQ	72.8450, 8.7070, 23.9310

Conversions

Conversions Part 2

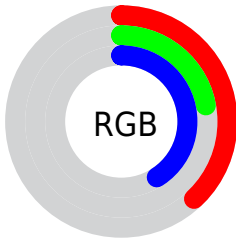
Format	Color
RYB	96, 55, 104
Decimal	6305640
CIELab	29.96, 27.15, -21.32
CIElCh	30, 34.517, 321.855
Yxy	6.2186, 0.3023, 0.2163
Android (android.graphics.Color)	4284495720 (0xFF603768)
YUV	72.8450, 15.3594, 20.3069
Hunter-Lab	24.9372, 18.5537, -15.4473




Details

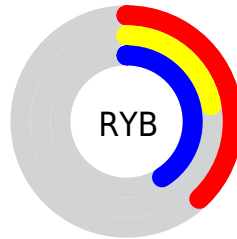
The YUV color **72.8450, 15.3594, 20.3069** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.1550, -15.3594, -20.3069**, and the grayscale version is **73.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **122.3830, 16.0802, 22.4661**, and **26.1330, 15.2174, 19.1774** is the 20% darker color. If you saturate the color by 10%, you get **66.3770, 18.5481, 24.2254**, and if you desaturate by 10%, it is **79.3130, 12.1707, 16.3885**.

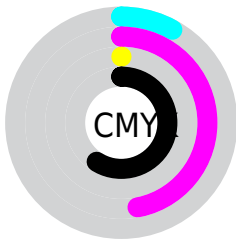
Distribution







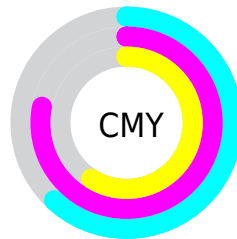
-  Red (38%)
-  Green (22%)
-  Blue (41%)






-  Red (38%)
-  Yellow (22%)
-  Blue (41%)



-  Cyan (8%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (62%)
-  Magenta (78%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8450, 15.3594, 20.3069 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 72.8450, 15.3594, 20.3069 by changing the saturation by 10% instead.

72.8450, 15.3594,
20.3069

72.8450, 15.3594,
20.3069

255.0000, 0.0000,
0.0000

49.1330, 15.2174,
19.1774

122.3830, 16.0802,
22.4661

26.1330, 15.2174,
19.1774

148.7960, 16.3696,
22.9809

13.2590, 10.7183,
15.5589

175.3230, 17.0958,
23.3957

1.1400, 4.3680,
-0.9998

203.0350, 17.2377,
24.5253

0.0000, 0.0000,
0.0000

228.5850, 13.0226,
23.1660

245.0210, 4.9196,

8.7516

■ 72.8450, 15.3594,
20.3069

■ 72.8450, 15.3594,
20.3069

■ 66.3770, 18.5481,
24.2254

■ 79.3130, 12.1707,
16.3885

■ 59.6210, 21.8788,
29.2734

■ 86.0690, 8.8400,
11.3405

■ 53.1530, 25.0676,
33.1918

■ 92.5370, 5.6513,
7.4221

■ 46.0980, 28.5457,
37.6251

■ 99.5920, 2.1731,
2.9888

■ 39.9290, 31.5870,
42.1583

■ 105.7610, -0.8682,
-1.5444

■ 37.8690, 32.6026,
43.0879

■ 112.2290, -4.0569,
-5.4628

■ 119.2840, -7.5350,
-9.8961

■ 125.7520,
-10.7237, -13.8145

■ 132.5080,
-14.0544, -18.8625

Harmonies

Analogous

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



69.7640, 24.7663, -10.3170



72.8450, 15.3594, 20.3069



70.3930, 4.2433, 39.1203

Triad

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



72.8450, 15.3594, 20.3069



68.0200, -27.1249, 20.1535



58.9810, 15.2924, -51.7263

Complementary

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



72.8450, 15.3594, 20.3069



86.1550, -15.3594, -20.3069

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.



55.7890, 3.0620, -48.9270



72.8450, 15.3594, 20.3069



65.5830, -24.4444, 0.3657

Square

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



72.8450, 15.3594, 20.3069



69.0680, -19.7535, 35.8974



60.6320, -12.1436, -25.1103



60.3150, 25.4807, -52.8963

Rectangle

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



72.8450, 15.3594, 20.3069



69.5370, -4.2087, 43.3791



60.6320, -12.1436, -25.1103



58.5420, 11.0718, -51.3413

Sweetspot

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



72.8450, 15.3594, 20.3069



122.9500, 5.9406, 7.9368



65.2820, 19.0880, -9.0173



61.3580, 3.7675, 4.9480



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.



72.8450, 15.3594, 20.3069



86.2130, 24.0520, 32.2622



73.4130, 7.1914, 26.8248



47.7660, 1.5944, 1.9592



41.8140, 36.0807, 47.5211



88.2850, 75.7815, 100.6051

Inverse Universe

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



70.5630, -3.7286, 29.3242



82.5050, -5.6720, 46.0381



85.5870, -7.1914, -26.8248



47.6090, -0.3002, 2.9739



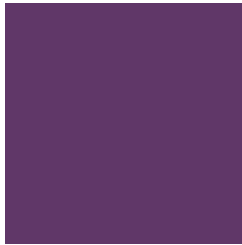
36.5510, -8.6526, 68.7998



76.9180, -18.2006, 144.7769

Previews

White Background



This preview shows how the YUV color 72.8450, 15.3594, 20.3069 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 72.8450, 15.3594, 20.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

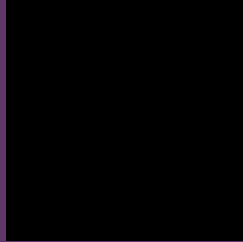
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8450, 15.3594, 20.3069

Background



This preview shows how black text looks on a background with the YUV color 72.8450, 15.3594, 20.3069.



This preview shows how white text looks on a background with the YUV color 72.8450, 15.3594,

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

72.8450, 15.3594, 20.3069

Protanopia

69.8620, 22.7460, -15.6650

Deuteranopia

70.5440, 15.0148, -9.2471



Tritanopia

71.9420, -1.9434, 16.7139

Trichromacy



Original Color

72.8450, 15.3594, 20.3069

Protanomaly

71.2550, 20.0873, -2.8546

Deuteranomaly

71.6100, 14.9823, 1.2190

Tritanomaly

72.2610, 4.3083, 18.1881

Monochromacy



Original Color

72.8450, 15.3594, 20.3069

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.5370, 5.6513, 7.4221

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8450, 15.3594, 20.3069 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(96, 55, 104)` looks like.

```
.text, #text, p{  
    color:rgb(96, 55, 104)  
}
```

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(96, 55, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 55, 104) }
```

Border

The CSS property to change the border of an element to YUV 72.8450, 15.3594, 20.3069 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(96, 55, 104) }
```


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

```
.border{ border-color:rgb(96, 55, 104) }
```

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

Here you see how a box with a 4 pixel rgb(96, 55, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 55, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 55, 104);  
box-shadow:4px 4px 4px 4px rgb(96, 55,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 72.8450, 15.3594, 20.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 55, 104) }
```

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

```
.background{ background-color: rgb(96, 55,  
104) }
```

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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