

Converting Colors

YUV(95.0530, 63.5709, 3.4615)

Have a look what the booklet for
YUV(95.0530, 63.5709, 3.4615)
contains.

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Color

**YUV(95.0530, 63.5709,
3.4615)**

Conversions

Conversions Part 1

Format	Color
Hex	6344E0
RGB	99, 68, 224
RGB Percent	39%, 27%, 88%
CMY	0.6118, 0.7333, 0.1216
CMYK	0.56, 0.70, 0.00, 0.12
HSL	252°, 72%, 57%
HSV	252°, 70%, 88%
XYZ	20.6673, 12.1687, 71.7805
YIQ	95.0530, -31.6000, 55.0880

Conversions

Conversions Part 2

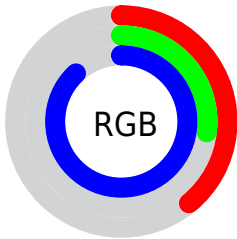
Format	Color
R_{YB}	99, 68, 224
Decimal	6505696
CIE _{Lab}	41.48, 52.89, -74.96
CIE _{LCh}	41, 91.741, 305.210
Yxy	12.1687, 0.1976, 0.1163
Android (android.graphics.Color)	4284695776 (0xFF6344E0)
YUV	95.0530, 63.5709, 3.4615
Hunter-Lab	34.8837, 44.7080, -97.5831

Details

The YUV color **95.0530, 63.5709, 3.4615** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **196.9470, -63.5709, -3.4615**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7630, 53.3608, 11.6088**, and **35.2850, 64.9355, -14.2819** is the 20% darker color. If you saturate the color by 10%, you get **76.7570, 72.5908, 3.7211**, and if you desaturate by 10%, it is **113.3490, 54.5509, 3.2019**.

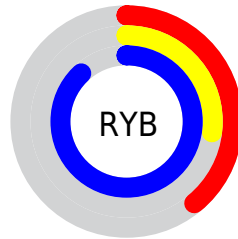
Distribution



Red (39%)

Green (27%)

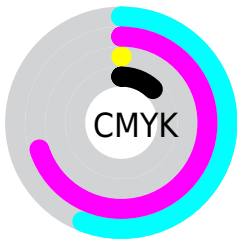
Blue (88%)



Red (39%)

Yellow (27%)

Blue (88%)

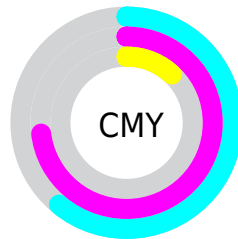


Cyan (56%)

Magenta (70%)

Yellow (0%)

Black (12%)



Cyan (61%)

Magenta (73%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.0530, 63.5709, 3.4615 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 95.0530, 63.5709, 3.4615 by changing the saturation by 10% instead.

■ 95.0530, 63.5709,
3.4615

■ 95.0530, 63.5709,
3.4615

■ 255.0000, 0.0000,
0.0000

■ 67.2050, 63.0029,
-1.0568

■ 146.7630, 53.3608,
11.6088

■ 35.2850, 64.9355,
-14.2819

■ 171.2940, 41.2671,
17.2822

■ 15.9600, 61.1517,
-13.9969

■ 196.1130, 29.0313,
21.8259

■ 12.9960, 49.7950,
-11.3975

■ 221.8180, 16.3587,
26.4696

■ 10.0320, 38.4382,
-8.7981

■ 239.7380, 7.5242,
13.3848

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 95.0530, 63.5709,
3.4615

■ 95.0530, 63.5709,
3.4615

■ 76.7570, 72.5908,
3.7211

■ 113.3490, 54.5509,
3.2019

■ 57.8740, 81.9001,
4.4955

■ 132.2320, 45.2416,
2.4275

■ 39.5780, 90.9200,
4.7551

■ 150.5280, 36.2217,
2.1679

■ 38.9910, 91.2094,
5.2699

■ 169.4110, 26.9124,
1.3936

■ 187.7070, 17.8924,
1.1340

■ 206.0030, 8.8725,
0.8744

■ 224.8860, -0.4368,
0.1000

■ 243.1820, -9.4567,
-0.1596

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



90.9500, 79.3976, -79.7631



95.0530, 63.5709, 3.4615



76.2890, 42.7485, 102.3555

Triad

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



95.0530, 63.5709, 3.4615



89.5610, -44.1536, 68.7910



86.5020, 11.5845, -75.8623

Complementary

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



95.0530, 63.5709, 3.4615



196.9470, -63.5709, -3.4615

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.



74.9370, -25.1119, -65.7197



95.0530, 63.5709, 3.4615



90.9920, -44.8591, 14.9160

Square

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



95.0530, 63.5709, 3.4615



63.8590, -25.5665, 127.2887



68.0920, -33.5694, -59.7167



95.0520, 44.3444, -83.3606

Rectangle

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



95.0530, 63.5709, 3.4615



77.8790, 17.8077, 122.0091



68.0920, -33.5694, -59.7167



82.8370, 0.0804, -72.6480

Sweetspot

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



95.0530, 63.5709, 3.4615



210.4450, 21.9656, 1.3637



160.3330, 31.3878, -80.9760



101.4420, 13.0931, 0.4894



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



95.0530, 63.5709, 3.4615



77.9540, 87.2837, 4.4253



117.7770, 52.3679, 50.1846



102.8520, 4.5100, 0.1298



30.5290, 71.7172, 3.9211



8.4620, 19.4922, 1.3488

Inverse Universe

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



128.8940, 31.6043, 83.4080



124.4800, 43.1474, 114.4660



174.2230, -52.3679, -50.1846



105.3150, 2.3097, 5.8627



68.6980, 35.6449, 94.1039



18.7980, 9.9596, 25.6102

Previews

White Background



This preview shows how the YUV color 95.0530, 63.5709, 3.4615 looks on a white background.

Color Contrast Check

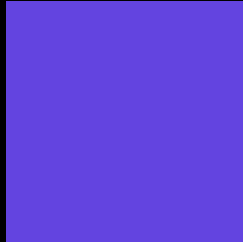
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.0530, 63.5709, 3.4615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

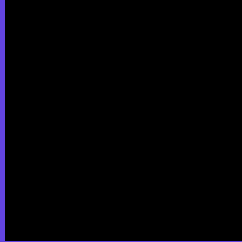
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.0530, 63.5709, 3.4615

Background



This preview shows how black text looks on a background with the YUV color 95.0530, 63.5709, 3.4615.



This preview shows how white text looks on a background with the YUV color 95.0530, 63.5709,

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

95.0530, 63.5709, 3.4615

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.1940, 45.7534, -68.5761



Tritanopia

91.8590, 10.4225, -29.6943

Trichromacy



Original Color

95.0530, 63.5709, 3.4615

Protanomaly

84.3710, 60.9491, -42.4214

Deuteranomaly

84.0800, 52.2186, -42.1662

Tritanomaly

93.2730, 29.4454, -17.7794

Monochromacy



Original Color

95.0530, 63.5709, 3.4615

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.7870, 23.2760, 1.0638

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.0530, 63.5709, 3.4615 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(99, 68, 224)` looks like.

```
.text, #text, p{  
    color:rgb(99, 68, 224)  
}
```

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(99, 68, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 68, 224) }
```

Border

The CSS property to change the border of an element to YUV 95.0530, 63.5709, 3.4615 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(99, 68, 224) }
```


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

```
.border{ border-color:rgb(99, 68, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 68, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 68, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 68, 224);  
box-shadow:4px 4px 4px 4px rgb(99, 68,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 95.0530, 63.5709, 3.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 68, 224) }
```

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

```
.background{ background-color: rgb(99, 68,  
224) }
```

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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