

Converting Colors

YUV(95.8840, 63.1612, -5.1603)

Have a look what the booklet for
YUV(95.8840, 63.1612, -5.1603)
contains.

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Color

**YUV(95.8840, 63.1612,
-5.1603)**

Conversions

Conversions Part 1

Format	Color
Hex	5A4AE0
RGB	90, 74, 224
RGB Percent	35%, 29%, 88%
CMY	0.6471, 0.7098, 0.1216
CMYK	0.60, 0.67, 0.00, 0.12
HSL	246°, 71%, 58%
HSV	246°, 67%, 88%
XYZ	20.1198, 12.4530, 71.8643
YIQ	95.8840, -38.6140, 50.0420

Conversions

Conversions Part 2

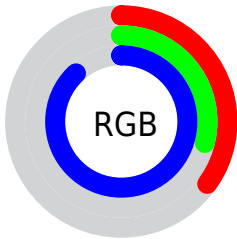
Format	Color
R _Y B	90, 74, 224
Decimal	5917408
CIE Lab	41.93, 48.30, -74.26
CIE LCh	42, 88.585, 303.042
Yxy	12.4530, 0.1926, 0.1192
Android (android.graphics.Color)	4284107488 (0xFF5A4AE0)
YUV	95.8840, 63.1612, -5.1603
Hunter-Lab	35.2889, 40.0154, -96.0394

Details

The YUV color **95.8840, 63.1612, -5.1603** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **202.1160, -63.1612, 5.1603**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3060, 53.0931, 4.1166**, and **34.8870, 65.1317, -30.5959** is the 20% darker color. If you saturate the color by 10%, you get **76.9900, 72.4759, -6.1302**, and if you desaturate by 10%, it is **114.7780, 53.8464, -4.1903**.

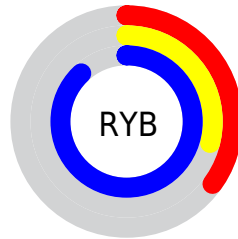
Distribution



Red (35%)

Green (29%)

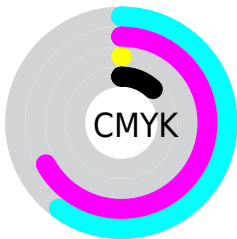
Blue (88%)



Red (35%)

Yellow (29%)

Blue (88%)

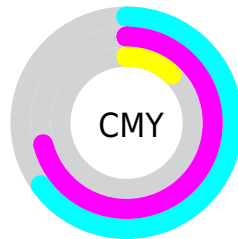


Cyan (60%)

Magenta (67%)

Yellow (0%)

Black (12%)



Cyan (65%)

Magenta (71%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8840, 63.1612, -5.1603 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 95.8840, 63.1612, -5.1603 by changing the saturation by 10% instead.

■ 95.8840, 63.1612,
-5.1603

■ 95.8840, 63.1612,
-5.1603

255.0000, 0.0000,
0.0000

■ 67.7260, 62.7461,
-12.0377

■ 147.3060, 53.0931,
4.1166

■ 34.8870, 65.1317,
-30.5959

■ 172.4240, 40.7100,
9.2752

■ 18.3080, 59.9942,
-16.0561

■ 197.2430, 28.4742,
13.8189

■ 12.9960, 49.7950,
-11.3975

■ 222.3610, 16.0910,
18.9774

■ 11.2060, 37.8594,
-9.8277

■ 242.6730, 6.0772,
10.8108

■ 11.4050, 25.9293,
-10.0022

■ 6.4350, 17.0405,

-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 95.8840, 63.1612,
-5.1603

■ 95.8840, 63.1612,
-5.1603

■ 76.9900, 72.4759,
-6.1302

■ 114.7780, 53.8464,
-4.1903

■ 57.5090, 82.0801,
-6.5854

■ 134.2590, 44.2423,
-3.7351

■ 38.6150, 91.3948,
-7.5554

■ 153.1530, 34.9276,
-2.7652

■ 32.7120, 94.3050,
-7.6404

■ 172.6340, 25.3234,
-2.3100

■ 191.5280, 16.0087,
-1.3401

■ 210.4220, 6.6940,
-0.3701

■ 229.9030, -2.9102,
0.0851

■ 248.7970,
-12.2249, 1.0550

■ 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.



91.6680, 77.0717, -80.3928



95.8840, 63.1612, -5.1603



74.9510, 45.3802, 98.2670

Triad

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



95.8840, 63.1612, -5.1603



89.8710, -44.3064, 71.1501



85.9320, 9.4005, -75.3624

Complementary

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



95.8840, 63.1612, -5.1603



202.1160, -63.1612, 5.1603

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.



74.5950, -26.4223, -65.4198



95.8840, 63.1612, -5.1603



92.4980, -45.6015, 19.7343

Square

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



95.8840, 63.1612, -5.1603



65.1130, -20.7617, 126.1889



75.5670, -37.2545, -44.3473



94.8410, 40.9974, -83.1756

Rectangle

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



95.8840, 63.1612, -5.1603



77.2530, 20.5813, 119.0501



75.5670, -37.2545, -44.3473



82.3810, -1.6668, -72.2481

Sweetspot

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



95.8840, 63.1612, -5.1603



211.3090, 21.5397, -2.0250



170.3450, 26.4519, -84.4946



101.4310, 13.0985, -1.2550



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.



95.8840, 63.1612, -5.1603



80.8340, 85.8638, -6.8704



118.0100, 52.2531, 40.3332



102.5530, 4.6574, -0.4850



25.7450, 74.0757, -5.9154



6.9670, 20.2293, -1.7251

Inverse Universe

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



134.1260, 36.4199, 78.8195



132.7440, 49.4262, 107.2185



179.9900, -52.2531, -40.3332



105.4290, 2.7465, 5.7628



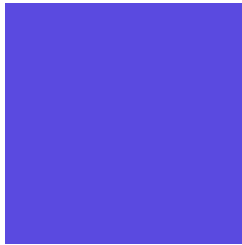
70.5220, 42.6337, 92.5042



19.2540, 11.7068, 25.2102

Previews

White Background



This preview shows how the YUV color 95.8840, 63.1612, -5.1603 looks on a white background.

Color Contrast Check

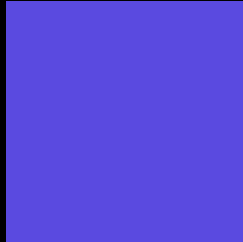
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.8840, 63.1612, -5.1603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

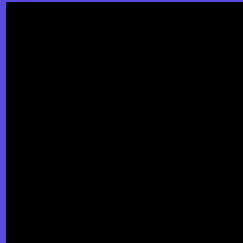
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8840, 63.1612, -5.1603

Background



This preview shows how black text looks on a background with the YUV color 95.8840, 63.1612, -5.1603.



This preview shows how white text looks on a background with the YUV color 95.8840, 63.1612, -5.1603.

-5.1603.

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

95.8840, 63.1612, -5.1603

Protanopia

78.6790, 60.3043, -69.0015

Deuteranopia

78.8950, 45.9008, -69.1909



Tritanopia

88.5800, 13.5181, -42.6047

Trichromacy



Original Color

95.8840, 63.1612, -5.1603

Protanomaly

84.7620, 61.2493, -45.3953

Deuteranomaly

85.0580, 52.2294, -45.6549

Tritanomaly

91.3640, 31.3725, -29.2602

Monochromacy



Original Color

95.8840, 63.1612, -5.1603

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0640, 23.1394, -1.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8840, 63.1612, -5.1603 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(90, 74, 224)` looks like.

```
.text, #text, p{  
    color:rgb(90, 74, 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(90, 74, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 74, 224) }
```

Border

The CSS property to change the border of an element to YUV 95.8840, 63.1612, -5.1603 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(90, 74, 224) }
```


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

```
.border{ border-color:rgb(90, 74, 224) }
```

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

Here you see how a box with a 4 pixel rgb(90, 74, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 74, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 74, 224);  
box-shadow:4px 4px 4px 4px rgb(90, 74,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 95.8840, 63.1612, -5.1603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 74, 224) }
```

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

```
.background{ background-color: rgb(90, 74,  
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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