

Converting Colors

YUV(94.9770, 41.9163, -4.3648)

Have a look what the booklet for
YUV(94.9770, 41.9163, -4.3648)
contains.

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Color

**YUV(94.9770, 41.9163,
-4.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	5A51B4
RGB	90, 81, 180
RGB Percent	35%, 32%, 71%
CMY	0.6471, 0.6824, 0.2941
CMYK	0.50, 0.55, 0.00, 0.29
HSL	245°, 40%, 51%
HSV	245°, 55%, 71%
XYZ	15.3971, 11.3538, 44.5600
YIQ	94.9770, -26.4150, 32.6970

Conversions

Conversions Part 2

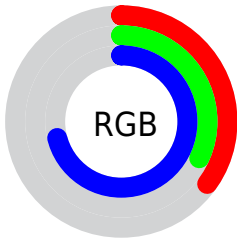
Format	Color
R_{YB}	90, 81, 180
Decimal	5919156
CIE _{Lab}	40.17, 30.45, -51.64
CIE _{LCh}	40, 59.953, 300.527
Yxy	11.3538, 0.2159, 0.1592
Android (android.graphics.Color)	4284109236 (0xFF5A51B4)
YUV	94.9770, 41.9163, -4.3648
Hunter-Lab	33.6954, 22.5985, -54.8204

Details

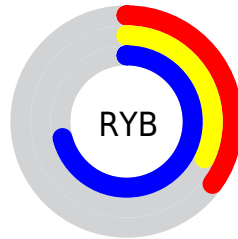
The YUV color **94.9770, 41.9163, -4.3648** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **166.0230, -41.9163, 4.3648**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5690, 44.0895, -1.3760**, and **44.1670, 40.3437, -13.3015** is the 20% darker color. If you saturate the color by 10%, you get **79.6270, 49.4839, -4.9349**, and if you desaturate by 10%, it is **110.3270, 34.3488, -3.7948**.

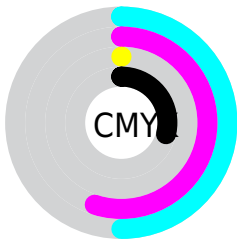
Distribution



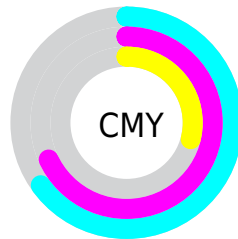
- Red (35%)
- Green (32%)
- Blue (71%)



- Red (35%)
- Yellow (32%)
- Blue (71%)



- Cyan (50%)
- Magenta (55%)
- Yellow (0%)
- Black (29%)



- Cyan (65%)
- Magenta (68%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9770, 41.9163, -4.3648 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 94.9770, 41.9163, -4.3648 by changing the saturation by 10% instead.

■ 94.9770, 41.9163,
-4.3648

■ 94.9770, 41.9163,
-4.3648

255.0000, 0.0000,
0.0000

■ 69.7270, 41.0536,
-7.6536

■ 147.5690, 44.0895,
-1.3760

■ 44.1670, 40.3437,
-13.3015

■ 173.2550, 40.3003,
0.6534

■ 20.9060, 39.4863,
-18.3346

■ 197.7750, 28.2119,
4.5823

■ 8.6640, 33.1966,
-7.5983

■ 222.2950, 16.1236,
8.5113

■ 8.2760, 21.5559,
-7.2581

■ 246.1950, 4.3409,
7.7220

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,
0.0000

■ 94.9770, 41.9163,
-4.3648

■ 94.9770, 41.9163,
-4.3648

■ 79.6270, 49.4839,
-4.9349

■ 110.3270, 34.3488,
-3.7948

■ 63.9780, 57.1988,
-6.1197

■ 125.9760, 26.6338,
-2.6100

■ 48.6280, 64.7664,
-6.6898

■ 141.3260, 19.0663,
-2.0399

■ 33.2780, 72.3339,
-7.2598

■ 156.6760, 11.4987,
-1.4699

■ 25.3040, 76.2651,
-8.1596

■ 172.3250, 3.7838,
-0.2850

■ 187.6750, -3.7838,
0.2850

■ 203.3240,
-11.4987, 1.4699

■ 218.6740,
-19.0663, 2.0399

■ 234.0240,
-26.6338, 2.6100

Harmonies

Analogous

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



81.4030, 55.5103, -71.3904



94.9770, 41.9163, -4.3648



93.8610, 24.7185, 51.8649

Triad

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



94.9770, 41.9163, -4.3648



88.2990, -43.5314, 55.8658



78.8080, 7.4897, -69.1146

Complementary

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



94.9770, 41.9163, -4.3648



166.0230, -41.9163, 4.3648

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.



71.2330, -13.9189, -62.4713



94.9770, 41.9163, -4.3648



88.6770, -43.7178, 22.2083

Square

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



94.9770, 41.9163, -4.3648



85.3860, -18.4313, 78.5915



81.6570, -40.2569, -14.6082



84.3940, 28.8928, -74.0135

Rectangle

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



94.9770, 41.9163, -4.3648



86.2140, 12.7125, 76.1113



81.6570, -40.2569, -14.6082



76.2830, 0.3535, -66.9002

Sweetspot

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



94.9770, 41.9163, -4.3648



200.4570, 17.0297, -2.1548



145.7030, 16.9084, -56.7445



97.2200, 9.7515, -1.0699



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



94.9770, 41.9163, -4.3648



101.8560, 65.6400, -6.8897



109.6280, 34.6934, 25.7592



81.3250, 3.7838, -0.2850



21.6280, 64.7664, -6.6898



3.5620, 11.0619, -1.3699

Inverse Universe

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



120.8610, 24.7185, 51.8649



142.4190, 38.7404, 81.1935



151.3720, -34.6934, -25.7592



83.6030, 2.1677, 4.7332



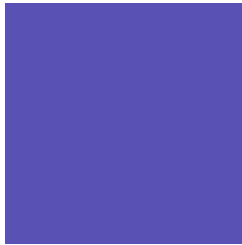
61.5930, 38.1617, 80.1639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 94.9770, 41.9163, -4.3648 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 94.9770, 41.9163, -4.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

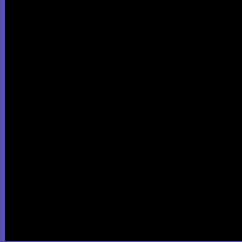
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9770, 41.9163, -4.3648

Background



This preview shows how black text looks on a background with the YUV color 94.9770, 41.9163, -4.3648.



This preview shows how white text looks on a background with the YUV color 94.9770, 41.9163,

-4.3648.

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

94.9770, 41.9163, -4.3648

Protanopia

81.7690, 53.8509, -52.4174

Deuteranopia

75.7320, 46.4741, -66.4170



Tritanopia

91.3440, 8.2114, -20.4727

Trichromacy



Original Color

94.9770, 41.9163, -4.3648

Protanomaly

86.4400, 49.5761, -34.5889

Deuteranomaly

83.1200, 44.8038, -43.9552

Tritanomaly

92.5910, 20.4146, -14.5503

Monochromacy



Original Color

94.9770, 41.9163, -4.3648

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.0010, 15.2825, -1.7549

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9770, 41.9163, -4.3648 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, 81, 180)` looks like.

```
.text, #text, p{  
    color:rgb(90, 81, 180)  
}
```

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, 81, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 81, 180) }
```

Border

The CSS property to change the border of an element to YUV 94.9770, 41.9163, -4.3648 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, 81, 180) }
```


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

```
.border{ border-color:rgb(90, 81, 180) }
```

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

Here you see how a box with a 4 pixel rgb(90, 81, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 81, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 81, 180);  
box-shadow:4px 4px 4px 4px rgb(90, 81,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 94.9770, 41.9163, -4.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 81, 180) }
```

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

```
.background{ background-color: rgb(90, 81,  
180) }
```

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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