

Converting Colors

YUV(94.9180, 61.6654, 7.9649)

Have a look what the booklet for
YUV(94.9180, 61.6654, 7.9649)
contains.

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Color

**YUV(94.9180, 61.6654,
7.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	6842DC
RGB	104, 66, 220
RGB Percent	41%, 26%, 86%
CMY	0.5922, 0.7412, 0.1373
CMYK	0.53, 0.70, 0.00, 0.14
HSL	255°, 69%, 56%
HSV	255°, 70%, 86%
XYZ	20.5754, 12.0068, 68.9432
YIQ	94.9180, -26.7860, 55.9500

Conversions

Conversions Part 2

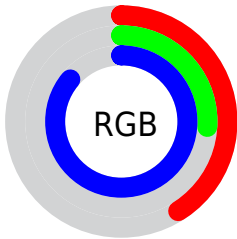
Format	Color
R_{YB}	104, 66, 220
Decimal	6832860
CIE _{Lab}	41.23, 53.55, -73.07
CIE _{LCh}	41, 90.596, 306.236
Yxy	12.0068, 0.2027, 0.1183
Android (android.graphics.Color)	4285022940 (0xFF6842DC)
YUV	94.9180, 61.6654, 7.9649
Hunter-Lab	34.6508, 45.3531, -93.7112

Details

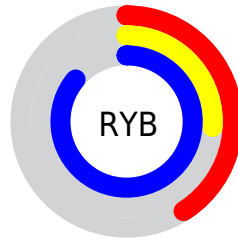
The YUV color **94.9180, 61.6654, 7.9649** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **191.0820, -61.6654, -7.9649**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7850, 53.3500, 15.0976**, and **36.7810, 62.7190, -3.3159** is the 20% darker color. If you saturate the color by 10%, you get **76.9210, 70.5379, 8.8393**, and if you desaturate by 10%, it is **112.9150, 52.7929, 7.0905**.

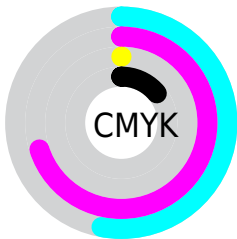
Distribution



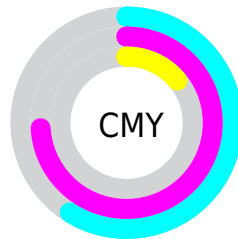
- Red (41%)
- Green (26%)
- Blue (86%)



- Red (41%)
- Yellow (26%)
- Blue (86%)



- Cyan (53%)
- Magenta (70%)
- Yellow (0%)
- Black (14%)



- Cyan (59%)
- Magenta (74%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.9180, 61.6654, 7.9649 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 94.9180, 61.6654, 7.9649 by changing the saturation by 10% instead.

■ 94.9180, 61.6654,
7.9649

■ 94.9180, 61.6654,
7.9649

255.0000, 0.0000,
0.0000

■ 67.3690, 60.9501,
4.0614

■ 146.7850, 53.3500,
15.0976

■ 36.7810, 62.7190,
-3.3159

■ 171.0170, 41.4036,
20.1561

■ 15.5040, 59.4045,
-13.5970

■ 196.7220, 28.7311,
24.7998

■ 12.5400, 48.0478,
-10.9976

■ 221.5410, 16.4953,
29.3435

■ 9.6900, 37.1278,
-8.4981

■ 238.5640, 8.1029,
14.4144

■ 10.3620, 24.4715,
-9.0875

■ 5.5060, 16.0195,

-4.8288

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 94.9180, 61.6654,
7.9649

■ 94.9180, 61.6654,
7.9649

■ 76.9210, 70.5379,
8.8393

■ 112.9150, 52.7929,
7.0905

■ 59.2230, 79.2631,
10.3284

■ 130.6130, 44.0678,
5.6014

■ 41.2260, 88.1356,
11.2028

■ 148.6100, 35.1953,
4.7270

■ 166.3080, 26.4702,
3.2379

■ 184.3050, 17.5976,
2.3635

■ 202.0030, 8.8725,
0.8744

■ 220.0000, 0.0000,
0.0000

■ 237.9970, -8.8725,
-0.8744

■ 250.4120,
-14.9931, 2.2697

Harmonies

Analogous

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



89.4340, 78.6660, -78.4336



94.9180, 61.6654, 7.9649



75.5340, 41.1487, 102.1407

Triad

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



94.9180, 61.6654, 7.9649



89.2510, -44.0007, 66.4319



86.1430, 12.7475, -75.5474

Complementary

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



94.9180, 61.6654, 7.9649



191.0820, -61.6654, -7.9649

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.



74.8060, -23.0754, -65.6049



94.9180, 61.6654, 7.9649



90.3940, -44.5642, 13.6865

Square

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



94.9180, 61.6654, 7.9649



62.5060, -26.8715, 125.8442



67.5050, -33.2800, -59.2019



94.4650, 44.6338, -82.8458

Rectangle

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



94.9180, 61.6654, 7.9649



76.8250, 16.3553, 121.1795



67.5050, -33.2800, -59.2019



82.4780, 1.2433, -72.3332

Sweetspot

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



94.9180, 61.6654, 7.9649



211.3420, 21.5234, 3.2081



152.8220, 33.1188, -76.1429



101.7410, 12.9457, 1.1041



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.



94.9180, 61.6654, 7.9649



81.2430, 85.6622, 11.1879



117.3430, 50.6099, 54.0732



100.8520, 4.5100, 0.1298



32.5790, 69.2276, 9.1392



8.5330, 18.4712, 2.1636

Inverse Universe

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



125.2700, 27.9679, 83.0782



123.3400, 38.7794, 115.4658



168.6570, -50.6099, -54.0732



103.2010, 1.8729, 5.9627



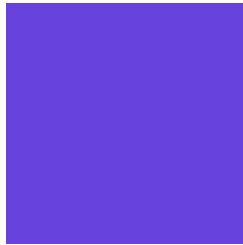
66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 94.9180, 61.6654, 7.9649 looks on a white background.

Color Contrast Check

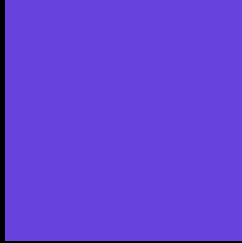
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9180, 61.6654, 7.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

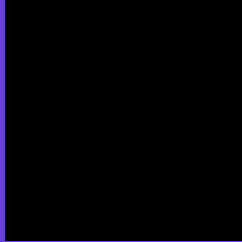
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9180, 61.6654, 7.9649

Background



This preview shows how black text looks on a background with the YUV color 94.9180, 61.6654, 7.9649.



This preview shows how white text looks on a background with the YUV color 94.9180, 61.6654,

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

94.9180, 61.6654, 7.9649

Protanopia

77.7500, 59.2833, -68.1868

Deuteranopia

78.0800, 45.3166, -68.4762



Tritanopia

93.1590, 8.7956, -21.1874

Trichromacy



Original Color

94.9180, 61.6654, 7.9649

Protanomaly

84.1540, 60.0701, -40.4771

Deuteranomaly

84.4500, 51.0501, -40.7367

Tritanomaly

93.9750, 28.1133, -10.5021

Monochromacy



Original Color

94.9180, 61.6654, 7.9649

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.5700, 22.3970, 3.0081

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9180, 61.6654, 7.9649 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(104, 66, 220)` looks like.

```
.text, #text, p{  
    color:rgb(104, 66, 220)  
}
```

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(104, 66, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 66, 220) }
```

Border

The CSS property to change the border of an element to YUV 94.9180, 61.6654, 7.9649 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(104, 66, 220) }
```


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

```
.border{ border-color:rgb(104, 66, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 66, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 66, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 66, 220);  
box-shadow:4px 4px 4px 4px rgb(104, 66,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 94.9180, 61.6654, 7.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 66, 220) }
```

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

```
.background{ background-color: rgb(104, 66,  
220) }
```

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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