

Converting Colors

YUV(92.7170, 80.0055, 5.5102)

Have a look what the booklet for
YUV(92.7170, 80.0055, 5.5102)
contains.

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Color

**YUV(92.7170, 80.0055,
5.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	633AFF
RGB	99, 58, 255
RGB Percent	39%, 23%, 100%
CMY	0.6118, 0.7725, 0.0000
CMYK	0.61, 0.77, 0.00, 0.00
HSL	252°, 100%, 61%
HSV	252°, 77%, 100%
XYZ	24.7086, 12.8988, 95.7952
YIQ	92.7170, -38.8010, 69.9590

Conversions

Conversions Part 2

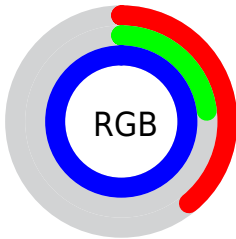
Format	Color
R _Y B	99, 58, 255
Decimal	6503167
CIE Lab	42.61, 66.48, -90.59
CIE LCh	43, 112.366, 306.273
Yxy	12.8988, 0.1852, 0.0967
Android (android.graphics.Color)	4284693247 (0xFF633AFF)
YUV	92.7170, 80.0055, 5.5102
Hunter-Lab	35.9148, 59.9532, -133.0030

Details

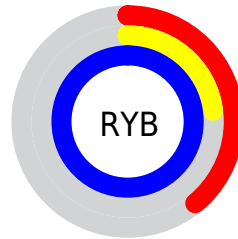
The YUV color **92.7170, 80.0055, 5.5102** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **220.2830, -80.0055, -5.5102**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.5620, 54.9389, 18.8011**, and **22.4580, 86.0492, -19.6957** is the 20% darker color. If you saturate the color by 10%, you get **71.4750, 90.4778, 6.5994**, and if you desaturate by 10%, it is **113.3720, 69.8226, 4.9358**.

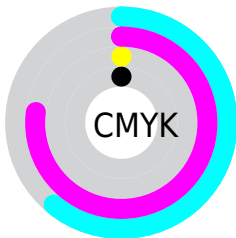
Distribution



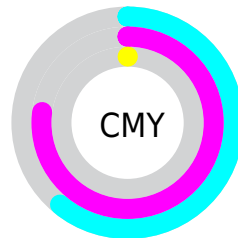
- Red (39%)
- Green (23%)
- Blue (100%)



- Red (39%)
- Yellow (23%)
- Blue (100%)



- Cyan (61%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.7170, 80.0055, 5.5102 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 92.7170, 80.0055, 5.5102 by changing the saturation by 10% instead.

■ 92.7170, 80.0055,
5.5102

■ 92.7170, 80.0055,
5.5102

■ 255.0000, 0.0000,
0.0000

■ 61.3140, 81.1902,
-1.1524

■ 143.5620, 54.9389,
18.8011

■ 22.4580, 86.0492,
-19.6957

■ 168.9790, 42.4084,
24.5744

■ 19.1520, 73.3821,
-16.7963

■ 194.3960, 29.8778,
30.3477

■ 16.0740, 61.5885,
-14.0969

■ 218.6060, 17.9422,
31.9175

■ 12.9960, 49.7950,
-11.3975

■ 235.6290, 9.5499,
16.9884

■ 17.6630, 34.6761,
-15.4905

■ 252.6520, 1.1576,

■ 11.4050, 25.9293,

2.0592

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 92.7170, 80.0055,
5.5102

■ 92.7170, 80.0055,
5.5102

■ 71.4750, 90.4778,
6.5994

■ 113.3720, 69.8226,
4.9358

■ 50.8200, 100.6607,
7.1739

■ 134.6140, 59.3503,
3.8465

■ 44.9170, 103.5709,
7.0888

■ 155.5680, 49.0200,
3.8869

■ 176.8100, 38.5477,
2.7976

■ 197.4650, 28.3648,
2.2232

■ 218.7070, 17.8924,
1.1340

■ 239.3620, 7.7095,
0.5595

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



94.2270, 79.2611, -82.6371



92.7170, 80.0055, 5.5102



85.1750, 45.7627, 115.6105

Triad

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



92.7170, 80.0055, 5.5102



89.3280, -44.0387, 78.6423



91.0500, 13.7794, -79.8508

Complementary

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



92.7170, 80.0055, 5.5102



220.2830, -80.0055, -5.5102

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.



75.8370, -36.8946, -66.5090



92.7170, 80.0055, 5.5102



92.7420, -45.7218, 11.6273

Square

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



92.7170, 80.0055, 5.5102



69.0690, -34.0510, 142.0135



71.6140, -35.3057, -62.8055



102.7120, 53.3860, -90.0784

Rectangle

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



92.7170, 80.0055, 5.5102



86.5930, 14.9907, 138.9229



71.6140, -35.3057, -62.8055



86.7010, -0.3456, -76.0368

Sweetspot

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



92.7170, 80.0055, 5.5102



206.6130, 23.8548, 2.0934



173.2040, 40.3254, -101.0339



98.1970, 14.6929, 0.7042



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.



92.7170, 80.0055, 5.5102



59.6690, 96.2982, 6.4293



121.7200, 65.7070, 65.1436



117.0800, 5.3836, -0.0702



33.7340, 77.5321, 5.4953



11.1830, 26.0388, 1.5935

Inverse Universe

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



134.6870, 39.1013, 105.5145



110.2950, 47.1826, 126.9063



191.2800, -65.7070, -65.1436



120.0270, 2.4517, 6.9923



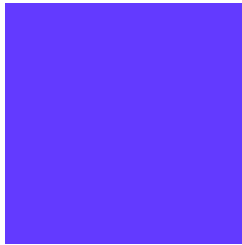
74.3230, 37.8018, 102.3257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 92.7170, 80.0055, 5.5102 looks on a white background.

Color Contrast Check

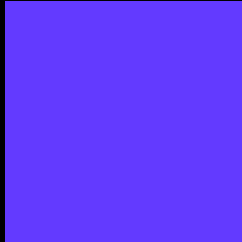
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.7170, 80.0055, 5.5102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

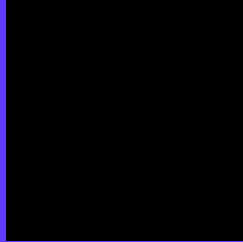
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.7170, 80.0055, 5.5102

Background



This preview shows how black text looks on a background with the YUV color 92.7170, 80.0055, 5.5102.



This preview shows how white text looks on a background with the YUV color 92.7170, 80.0055,

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

92.7170, 80.0055, 5.5102

Protanopia

79.4940, 60.8885, -69.7162

Tritanopia

85.6110, 16.4608, -53.1558

Trichromacy



Original Color

92.7170, 80.0055, 5.5102



Protanomaly

84.2060, 67.9324, -42.2767



Tritanomaly

88.1170, 39.3823, -31.6746

Monochromacy



Original Color

92.7170, 80.0055, 5.5102



Achromatopsia

93.0000, 0.0000, 0.0000



Achromatomaly

92.6930, 29.2384, 2.0232

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.7170, 80.0055, 5.5102 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, 58, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 58, 255)  
}
```

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, 58, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 58, 255) }
```

Border

The CSS property to change the border of an element to YUV 92.7170, 80.0055, 5.5102 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, 58, 255) }
```

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

```
.border{ border-color:rgb(99, 58, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 58, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 58, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 58, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 58,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 92.7170, 80.0055, 5.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 58, 255) }
```

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

```
.background{ background-color: rgb(99, 58,  
255) }
```

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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