

Converting Colors

YUV(94.1020, 79.3227, -8.8595)

Have a look what the booklet for
YUV(94.1020, 79.3227, -8.8595)
contains.

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Color

**YUV(94.1020, 79.3227,
-8.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	5444FF
RGB	84, 68, 255
RGB Percent	33%, 27%, 100%
CMY	0.6706, 0.7333, 0.0000
CMYK	0.67, 0.73, 0.00, 0.00
HSL	245°, 100%, 63%
HSV	245°, 73%, 100%
XYZ	23.7733, 13.2391, 95.9101
YIQ	94.1020, -50.4910, 61.5490

Conversions

Conversions Part 2

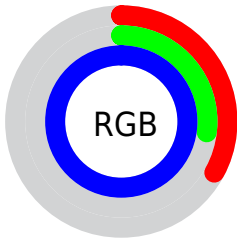
Format	Color
R _Y B	84, 68, 255
Decimal	5522687
CIE Lab	43.12, 60.20, -89.79
CIE LCh	43, 108.098, 303.840
Yxy	13.2391, 0.1789, 0.0996
Android (android.graphics.Color)	4283712767 (0xFF5444FF)
YUV	94.1020, 79.3227, -8.8595
Hunter-Lab	36.3855, 52.9522, -130.8152

Details

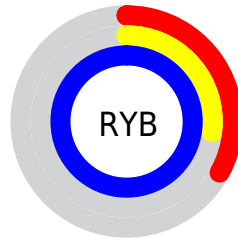
The YUV color **94.1020, 79.3227, -8.8595** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed blue. A complement of this color would be **228.8980, -79.3227, 8.8595**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6700, 54.3927, 7.3054**, and **32.4370, 81.1296, -28.4472** is the 20% darker color. If you saturate the color by 10%, you get **71.9630, 90.2372, -9.6146**, and if you desaturate by 10%, it is **115.6540, 68.6976, -7.5896**.

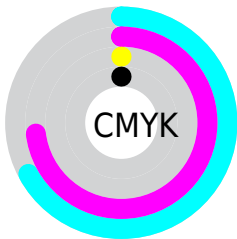
Distribution



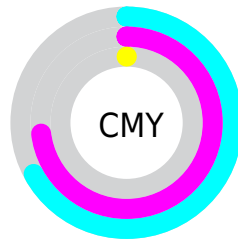
- Red (33%)
- Green (27%)
- Blue (100%)



- Red (33%)
- Yellow (27%)
- Blue (100%)



- Cyan (67%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.1020, 79.3227, -8.8595 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 94.1020, 79.3227, -8.8595 by changing the saturation by 10% instead.

■ 94.1020, 79.3227,
-8.8595

■ 94.1020, 79.3227,
-8.8595

255.0000, 0.0000,
0.0000

■ 62.0680, 80.8185,
-21.9846

■ 144.6700, 54.3927,
7.3054

■ 32.4370, 81.1296,
-28.4472

■ 170.0870, 41.8621,
13.0787

■ 19.2660, 73.8189,
-16.8963

■ 195.5040, 29.3315,
18.8520

■ 16.0740, 61.5885,
-14.0969

■ 221.5080, 16.5116,
24.1105

■ 12.9960, 49.7950,
-11.3975

■ 239.7380, 7.5242,
13.3848

■ 17.7770, 35.1129,
-15.5904

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 94.1020, 79.3227,
-8.8595

■ 94.1020, 79.3227,
-8.8595

■ 71.9630, 90.2372,
-9.6146

■ 115.6540, 68.6976,
-7.5896

■ 50.1120, 101.0098,
-11.4992

■ 138.0920, 57.6356,
-6.2197

■ 35.6480, 108.1405,
-11.9693

■ 160.2310, 46.7211,
-5.4646

■ 181.7830, 36.0960,
-4.1947

■ 203.6340, 25.3234,
-2.3100

■ 225.7730, 14.4089,
-1.5549

■ 247.3250, 3.7838,
-0.2850

■ 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.



95.9880, 78.3929, -84.1815



94.1020, 79.3227, -8.8595



83.6520, 48.9786, 110.8072

Triad

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



94.1020, 79.3227, -8.8595



89.6490, -44.1970, 82.7458



90.2520, 10.7218, -79.1510

Complementary

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



94.1020, 79.3227, -8.8595



228.8980, -79.3227, 8.8595

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.



75.7230, -37.3314, -66.4091



94.1020, 79.3227, -8.8595



94.8460, -46.7591, 17.6751

Square

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



94.1020, 79.3227, -8.8595



69.4110, -32.7406, 141.7136



71.6140, -35.3057, -62.8055



101.6860, 49.4548, -89.1786

Rectangle

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



94.1020, 79.3227, -8.8595



86.0100, 19.2221, 135.0492



71.6140, -35.3057, -62.8055



86.6040, -3.2558, -75.9517

Sweetspot

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



94.1020, 79.3227, -8.8595



206.8790, 23.7237, -2.5249



189.6950, 32.1954, -106.7265



98.7730, 14.4089, -1.5549



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.



94.1020, 79.3227, -8.8595



62.2170, 95.0420, -10.7143



121.9090, 65.6139, 48.3148



116.7810, 5.5310, -0.6849



26.5580, 81.0699, -9.2594



8.7910, 27.2180, -3.3247

Inverse Universe

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



143.4070, 47.1273, 97.8671



121.3460, 56.5244, 117.2146



201.0910, -65.6139, -48.3148



120.1410, 2.8885, 6.8923



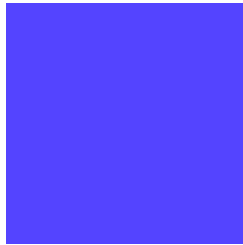
77.0590, 48.2849, 99.9263



25.7480, 15.9002, 33.5470

Previews

White Background



This preview shows how the YUV color 94.1020, 79.3227, -8.8595 looks on a white background.

Color Contrast Check

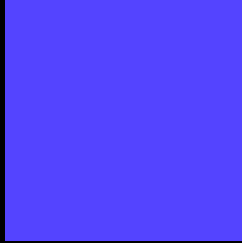
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.1020, 79.3227, -8.8595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

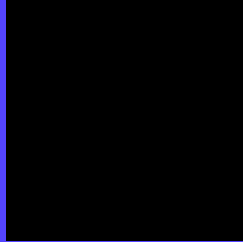
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.1020, 79.3227, -8.8595

Background



This preview shows how black text looks on a background with the YUV color 94.1020, 79.3227, -8.8595.



This preview shows how white text looks on a background with the YUV color 94.1020, 79.3227, -8.8595.

-8.8595.

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

94.1020, 79.3227, -8.8595

Protanopia

80.3090, 61.4727, -70.4310

Deuteranopia

80.9980, 46.3430, -71.0352



Tritanopia

79.4240, 20.0040, -69.6548

Trichromacy



Original Color

94.1020, 79.3227, -8.8595

Protanomaly

85.1730, 67.9487, -47.5097

Deuteranomaly

85.9420, 58.2026, -48.1841

Tritanomaly

84.8870, 41.4677, -47.2589

Monochromacy



Original Color

94.1020, 79.3227, -8.8595

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2470, 28.9652, -3.7246

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.1020, 79.3227, -8.8595 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(84, 68, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 68, 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(84, 68, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 68, 255) }
```

Border

The CSS property to change the border of an element to YUV 94.1020, 79.3227, -8.8595 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(84, 68, 255) }
```


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

```
.border{ border-color:rgb(84, 68, 255) }
```

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

Here you see how a box with a 4 pixel rgb(84, 68, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 68, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 68, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 68,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 94.1020, 79.3227, -8.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 68, 255) }
```

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

```
.background{ background-color: rgb(84, 68,  
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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