

Converting Colors

YUV(95.5090, 78.6291,
-19.7404)

Have a look what the booklet for
YUV(95.5090, 78.6291, -19.7404)
contains.

YUV(95.5090, 78.6291, -19.7404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(95.5090, 78.6291,
-19.7404)**

Conversions

Conversions Part 1

Format	Color
Hex	494CFF
RGB	73, 76, 255
RGB Percent	29%, 30%, 100%
CMY	0.7137, 0.7020, 0.0000
CMYK	0.71, 0.70, 0.00, 0.00
HSL	239°, 100%, 64%
HSV	239°, 71%, 100%
XYZ	23.3821, 13.8054, 96.0401
YIQ	95.5090, -59.2470, 55.0330

Conversions

Conversions Part 2

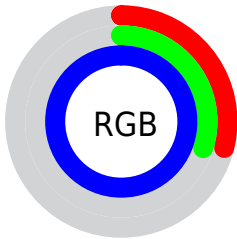
Format	Color
R _Y B	73, 76, 255
Decimal	4803839
CIE Lab	43.95, 54.88, -88.44
CIE LCh	44, 104.082, 301.820
Yxy	13.8054, 0.1755, 0.1036
Android (android.graphics.Color)	4282993919 (0xFF494CFF)
YUV	95.5090, 78.6291, -19.7404
Hunter-Lab	37.1556, 47.3083, -127.2445

Details

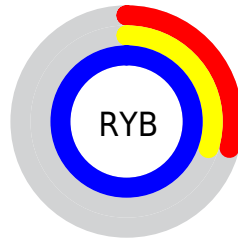
The YUV color **95.5090, 78.6291, -19.7404** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **232.4910, -78.6291, 19.7404**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3870, 53.5462, -1.2164**, and **39.4810, 77.6569, -34.6248** is the 20% darker color. If you saturate the color by 10%, you get **73.3590, 89.5490, -22.2398**, and if you desaturate by 10%, it is **117.6590, 67.7091, -17.2409**.

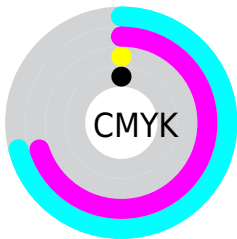
Distribution



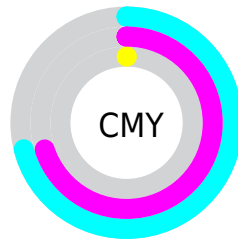
- Red (29%)
- Green (30%)
- Blue (100%)



- Red (29%)
- Yellow (30%)
- Blue (100%)



- Cyan (71%)
- Magenta (70%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (70%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5090, 78.6291, -19.7404 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 95.5090, 78.6291, -19.7404 by changing the saturation by 10% instead.

■ 95.5090, 78.6291,
-19.7404

■ 95.5090, 78.6291,
-19.7404

255.0000, 0.0000,
0.0000

■ 58.6800, 82.4888,
-44.4464

■ 146.3870, 53.5462,
-1.2164

■ 39.4810, 77.6569,
-34.6248

■ 171.8040, 41.0156,
4.5569

■ 22.7880, 72.0825,
-19.9851

■ 197.2210, 28.4850,
10.3302

■ 16.0740, 61.5885,
-14.0969

■ 223.2250, 15.6651,
15.5887

■ 12.9960, 49.7950,
-11.3975

■ 243.8470, 5.4984,
9.7812

■ 17.7770, 35.1129,
-15.5904

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 95.5090, 78.6291,
-19.7404

■ 95.5090, 78.6291,
-19.7404

■ 73.3590, 89.5490,
-22.2398

■ 117.6590, 67.7091,
-17.2409

■ 50.9100, 100.6164,
-25.3541

■ 140.1080, 56.6418,
-14.1267

■ 31.4180, 110.2259,
-27.5536

■ 162.2580, 45.7218,
-11.6273

■ 184.7070, 34.6544,
-8.5130

■ 207.1560, 23.5871,
-5.3988

■ 229.3060, 12.6671,
-2.8994

■ 252.0430, 1.4578,
-0.9147

■ 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.



97.7490, 77.5247, -85.7259



95.5090, 78.6291, -19.7404



82.4280, 52.0470, 106.6186

Triad

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



95.5090, 78.6291, -19.7404



91.4320, -45.0760, 84.6901



90.8560, 7.9590, -79.6807

Complementary

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



95.5090, 78.6291, -19.7404



232.4910, -78.6291, 19.7404

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.



76.8970, -37.9102, -67.4387



95.5090, 78.6291, -19.7404



97.2380, -47.9383, 22.5933

Square

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



95.5090, 78.6291, -19.7404



71.4200, -26.3361, 140.8287



72.2010, -35.5951, -63.3203



102.0620, 45.8184, -89.5084

Rectangle

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



95.5090, 78.6291, -19.7404



85.6120, 22.8693, 131.8903



72.2010, -35.5951, -63.3203



86.8490, -4.8556, -76.1666

Sweetspot

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



95.5090, 78.6291, -19.7404



207.7430, 23.2977, -5.9136



200.2400, 25.5177, -111.5895



99.6480, 13.9775, -3.1993



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.



95.5090, 78.6291, -19.7404



62.7270, 94.7906, -23.4396



120.0600, 66.5254, 35.9044



116.4820, 5.6784, -1.2997



23.5350, 82.5602, -20.6402



7.8830, 27.6657, -6.9134

Inverse Universe

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



127.7600, -25.5177, 111.5895



101.8230, -30.9717, 134.3362



207.9400, -66.5254, -35.9044



118.8870, -1.9163, 7.9921



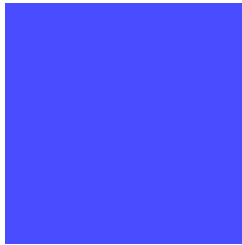
57.4510, -26.8443, 117.1225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 95.5090, 78.6291, -19.7404 looks on a white background.

Color Contrast Check

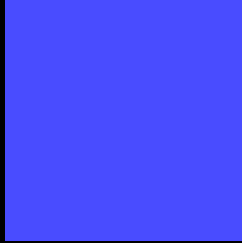
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.5090, 78.6291, -19.7404 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 95.5090, 78.6291, -19.7404 Background



This preview shows how black text looks on a background with the YUV color 95.5090, 78.6291, -19.7404.



This preview shows how white text looks on a background with the YUV color 95.5090, 78.6291, -19.7404.

-19.7404.

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

95.5090, 78.6291, -19.7404

Protanopia

81.9390, 62.6411, -71.8605

Deuteranopia

82.6280, 47.5114, -72.4648



Tritanopia

80.8260, 20.2988, -70.8844

Trichromacy



Original Color

95.5090, 78.6291, -19.7404

Protanomaly

87.2540, 68.4018, -52.8428

Deuteranomaly

87.4360, 58.9451, -53.0024

Tritanomaly

86.1530, 41.3366, -51.8772

Monochromacy



Original Color

95.5090, 78.6291, -19.7404

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.1110, 28.5393, -7.1133

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5090, 78.6291, -19.7404 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(73, 76, 255)` looks like.

```
.text, #text, p{  
    color:rgb(73, 76, 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(73, 76, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 76, 255) }
```

Border

The CSS property to change the border of an element to YUV 95.5090, 78.6291, -19.7404 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(73, 76, 255) }
```


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

```
.border{ border-color:rgb(73, 76, 255) }
```

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

Here you see how a box with a 4 pixel rgb(73, 76, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 76, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 76, 255);  
box-shadow:4px 4px 4px 4px rgb(73, 76,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 95.5090, 78.6291, -19.7404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 76, 255) }
```

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

```
.background{ background-color: rgb(73, 76,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor