

Converting Colors

YUV(88.7710, 74.5559,
-19.9702)

Have a look what the booklet for
YUV(88.7710, 74.5559, -19.9702)
contains.

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Color

**YUV(88.7710, 74.5559,
-19.9702)**

Conversions

Conversions Part 1

Format	Color
Hex	4247F0
RGB	66, 71, 240
RGB Percent	26%, 28%, 94%
CMY	0.7412, 0.7216, 0.0588
CMYK	0.72, 0.70, 0.00, 0.06
HSL	238°, 85%, 60%
HSV	238°, 72%, 94%
XYZ	20.2282, 11.9560, 83.6797
YIQ	88.7710, -57.2290, 51.4990

Conversions

Conversions Part 2

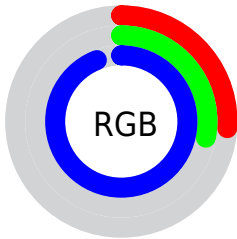
Format	Color
R_{YB}	66, 71, 240
Decimal	4343792
CIE _{Lab}	41.15, 52.20, -84.67
CIE _{LCh}	41, 99.468, 301.656
Yxy	11.9560, 0.1746, 0.1032
Android (android.graphics.Color)	4282533872 (0xFF4247F0)
YUV	88.7710, 74.5559, -19.9702
Hunter-Lab	34.5774, 43.9139, -119.2814

Details

The YUV color **88.7710, 74.5559, -19.9702** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **217.2290, -74.5559, 19.9702**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0600, 56.1724, -3.5606**, and **35.4230, 72.2625, -31.0660** is the 20% darker color. If you saturate the color by 10%, you get **68.0940, 84.7497, -22.8844**, and if you desaturate by 10%, it is **109.4480, 64.3621, -17.0559**.

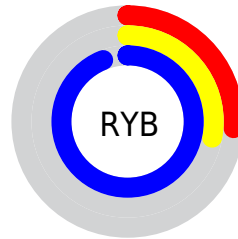
Distribution



Red (26%)

Green (28%)

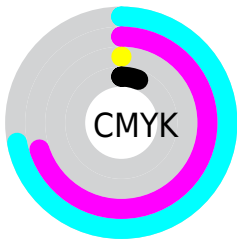
Blue (94%)



Red (26%)

Yellow (28%)

Blue (94%)

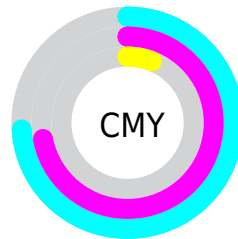


Cyan (72%)

Magenta (70%)

Yellow (0%)

Black (6%)



Cyan (74%)

Magenta (72%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7710, 74.5559, -19.9702 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 88.7710, 74.5559, -19.9702 by changing the saturation by 10% instead.

■ 88.7710, 74.5559,
-19.9702

■ 88.7710, 74.5559,
-19.9702

255.0000, 0.0000,
0.0000

■ 52.2300, 78.2736,
-45.8057

■ 141.0600, 56.1724,
-3.5606

■ 35.4230, 72.2625,
-31.0660

■ 165.8900, 43.9312,
2.7275

■ 20.0180, 66.5461,
-17.5558

■ 191.3070, 31.4006,
8.5008

■ 14.5920, 55.9101,
-12.7972

■ 217.0120, 18.7281,
13.1445

■ 15.0360, 42.3803,
-13.1866

■ 240.3250, 7.2348,
12.8700

■ 13.9470, 30.5921,
-12.2315

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 88.7710, 74.5559,
-19.9702

■ 88.7710, 74.5559,
-19.9702

■ 68.0940, 84.7497,
-22.8844

■ 109.4480, 64.3621,
-17.0559

■ 46.8300, 95.2328,
-25.2839

■ 130.7120, 53.8790,
-14.6564

■ 31.4690, 102.8058,
-27.5983

■ 151.3890, 43.6852,
-11.7422

■ 172.0660, 33.4915,
-8.8279

■ 193.3300, 23.0083,
-6.4284

■ 214.0070, 12.8145,
-3.5141

■ 234.6840, 2.6208,
-0.5999

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



93.0530, 79.8399, -81.6075



88.7710, 74.5559, -19.9702



77.1730, 48.7217, 99.8263

Triad

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



88.7710, 74.5559, -19.9702



85.2080, -42.0075, 80.5016



84.7750, 7.5059, -74.3477

Complementary

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



88.7710, 74.5559, -19.9702



217.2290, -74.5559, 19.9702

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.



71.6140, -35.3057, -62.8055



88.7710, 74.5559, -19.9702



90.7370, -44.7333, 21.2787

Square

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



88.7710, 74.5559, -19.9702



67.0060, -25.1460, 132.4217



67.5050, -33.2800, -59.2019



95.2970, 42.7446, -83.5755

Rectangle

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



88.7710, 74.5559, -19.9702



80.5140, 21.4386, 124.0832



67.5050, -33.2800, -59.2019



81.4690, -5.1612, -71.4483

Sweetspot

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



88.7710, 74.5559, -19.9702



206.5580, 23.8819, -6.6284



187.2900, 23.0280, -106.3713



98.4630, 14.5617, -3.9141



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.



88.7710, 74.5559, -19.9702



62.4170, 94.9434, -25.7987



110.0550, 64.0629, 32.4008



109.3680, 5.2416, -1.1997



23.9110, 78.9239, -20.9699



7.5580, 23.8819, -6.6284

Inverse Universe

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



118.5960, -23.4648, 106.4713



100.1760, -29.6668, 135.7806



195.9450, -64.0629, -32.4008



111.5880, -1.7689, 7.3773



55.5860, -24.9389, 112.6191



16.9720, -7.3812, 34.2276

Previews

White Background



This preview shows how the YUV color 88.7710, 74.5559, -19.9702 looks on a white background.

Color Contrast Check

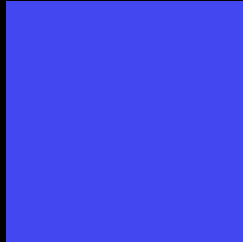
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.7710, 74.5559, -19.9702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

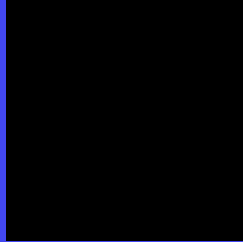
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.7710, 74.5559, -19.9702

Background



This preview shows how black text looks on a background with the YUV color 88.7710, 74.5559, -19.9702.



This preview shows how white text looks on a background with the YUV color 88.7710, 74.5559, -19.9702.

-19.9702.

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

88.7710, 74.5559, -19.9702

Protanopia

76.9350, 58.6990, -67.4720

Deuteranopia

77.1510, 44.2956, -67.6614



Tritanopia

75.8050, 18.8301, -66.4810

Trichromacy



Original Color

88.7710, 74.5559, -19.9702

Protanomaly

81.2390, 64.4652, -50.1986

Deuteranomaly

81.5350, 55.4452, -50.4582

Tritanomaly

80.5940, 39.1472, -49.6329

Monochromacy



Original Color

88.7710, 74.5559, -19.9702

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.7690, 27.2289, -6.8134

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7710, 74.5559, -19.9702 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(66, 71, 240)` looks like.

```
.text, #text, p{  
    color:rgb(66, 71, 240)  
}
```

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(66, 71, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 71, 240) }
```

Border

The CSS property to change the border of an element to YUV 88.7710, 74.5559, -19.9702 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(66, 71, 240) }
```


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

```
.border{ border-color:rgb(66, 71, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 71, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 71, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 71, 240);  
box-shadow:4px 4px 4px 4px rgb(66, 71,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 88.7710, 74.5559, -19.9702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 71, 240) }
```

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

```
.background{ background-color: rgb(66, 71,  
240) }
```

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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