

Converting Colors

YUV(94.0010, 79.3725, 21.9241)

Have a look what the booklet for
YUV(94.0010, 79.3725, 21.9241)
contains.

YUV(94.0010, 79.3725, 21.9241)	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>	30

Color

**YUV(94.0010, 79.3725,
21.9241)**

Conversions

Conversions Part 1

Format	Color
Hex	7732FF
RGB	119, 50, 255
RGB Percent	47%, 20%, 100%
CMY	0.5333, 0.8039, 0.0000
CMYK	0.53, 0.80, 0.00, 0.00
HSL	260°, 100%, 60%
HSV	260°, 80%, 100%
XYZ	26.7984, 13.4231, 95.7862
YIQ	94.0010, -24.6810, 78.3830

Conversions

Conversions Part 2

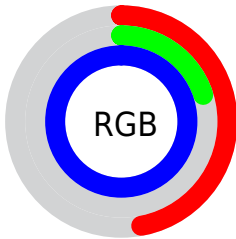
Format	Color
R _Y B	119, 50, 255
Decimal	7811839
CIE Lab	43.39, 71.85, -89.23
CIE LCh	43, 114.567, 308.843
Yxy	13.4231, 0.1970, 0.0987
Android (android.graphics.Color)	4286001919 (0xFF7732FF)
YUV	94.0010, 79.3725, 21.9241
Hunter-Lab	36.6376, 66.4469, -129.3629

Details

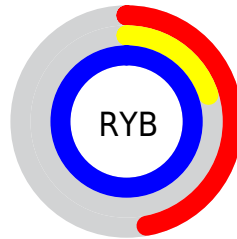
The YUV color **94.0010, 79.3725, 21.9241** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **210.9990, -79.3725, -21.9241**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0090, 53.7326, 32.4411**, and **35.3150, 79.7107, 6.7397** is the 20% darker color. If you saturate the color by 10%, you get **73.6560, 89.4026, 24.8577**, and if you desaturate by 10%, it is **114.3460, 69.3424, 18.9906**.

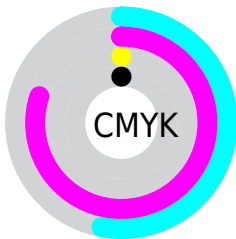
Distribution



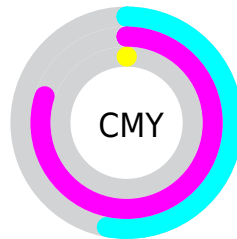
- Red (47%)
- Green (20%)
- Blue (100%)



- Red (47%)
- Yellow (20%)
- Blue (100%)



- Cyan (53%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.0010, 79.3725, 21.9241 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 94.0010, 79.3725, 21.9241 by changing the saturation by 10% instead.

94.0010, 79.3725,
21.9241

94.0010, 79.3725,
21.9241

255.0000, 0.0000,
0.0000

59.9840, 81.8459,
21.9390

146.0090, 53.7326,
32.4411

35.3150, 79.7107,
6.7397

171.1270, 41.3494,
37.5996

19.1520, 73.3821,
-16.7963

196.8320, 28.6768,
42.2433

16.0740, 61.5885,
-14.0969

216.8450, 18.8104,
33.4619

12.9960, 49.7950,
-11.3975

233.2810, 10.7075,
19.0476

17.0760, 34.9655,
-14.9757

250.8910, 2.0257,

11.4050, 25.9293,

3.6036

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 94.0010, 79.3725,
21.9241

■ 94.0010, 79.3725,
21.9241

■ 73.6560, 89.4026,
24.8577

■ 114.3460, 69.3424,
18.9906

■ 54.7840, 98.7065,
27.3764

■ 134.1040, 59.6017,
16.5718

■ 154.4490, 49.5716,
13.6382

■ 174.2070, 39.8309,
11.2195

■ 194.5520, 29.8009,
8.2859

■ 214.3100, 20.0602,
5.8671

■ 234.3560, 10.1775,
2.3188

254.1140, 0.4368,
-0.1000

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



94.0010, 79.3725, 21.9241



87.5950, 42.1047, 122.2582

Triad

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



94.0010, 79.3725, 21.9241



92.8390, -45.7696, 73.8092



93.4780, 18.0053, -81.9802

Complementary

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



94.0010, 79.3725, 21.9241



210.9990, -79.3725, -21.9241

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.



79.1770, -29.1743, -69.4382



94.0010, 79.3725, 21.9241



93.8830, -46.2843, 5.3646

Square

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



94.0010, 79.3725, 21.9241



69.3680, -34.1984, 142.6283



73.3750, -36.1739, -64.3499



105.2540, 58.0488, -92.3078

Rectangle

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



94.0010, 79.3725, 21.9241



88.0020, 11.3380, 143.8262



73.3750, -36.1739, -64.3499



89.6020, 3.1542, -78.5810

Sweetspot

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



94.0010, 79.3725, 21.9241



206.9340, 23.6965, 6.1969



153.7890, 49.8970, -91.0230



98.8060, 14.3926, 3.6781



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.



94.0010, 79.3725, 21.9241



62.7470, 94.7807, 26.5319



124.4990, 64.3370, 84.6314



117.6780, 5.0887, 1.1594



40.9100, 73.9944, 20.2499



13.5750, 24.8595, 6.5117

Inverse Universe

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



126.7990, 29.1861, 112.4323



101.8370, 35.0834, 134.3240



180.5010, -64.3370, -84.6314



119.7990, 1.5781, 7.1923



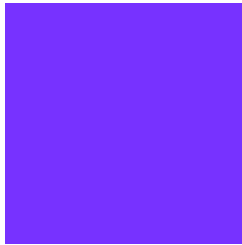
71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 94.0010, 79.3725, 21.9241 looks on a white background.

Color Contrast Check

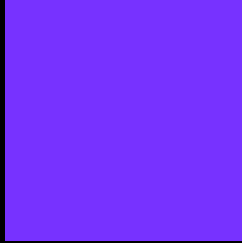
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.0010, 79.3725, 21.9241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

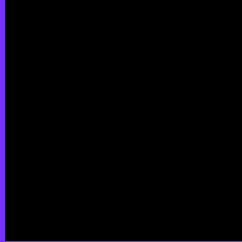
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.0010, 79.3725, 21.9241

Background



This preview shows how black text looks on a background with the YUV color 94.0010, 79.3725, 21.9241.



This preview shows how white text looks on a background with the YUV color 94.0010, 79.3725,

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

94.0010, 79.3725, 21.9241

Protanopia

81.7110, 61.7675, -71.6605

Tritanopia

98.1590, 8.7956, -21.1874

Trichromacy



Original Color

94.0010, 79.3725, 21.9241

Protanomaly

85.9400, 68.0636, -37.6584

Tritanomaly

96.4300, 34.7910, -5.6391

Monochromacy



Original Color

94.0010, 79.3725, 21.9241

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0250, 29.0747, 7.8711

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0010, 79.3725, 21.9241 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(119, 50, 255)` looks like.

```
.text, #text, p{  
    color:rgb(119, 50, 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(119, 50, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 50, 255) }
```

Border

The CSS property to change the border of an element to YUV 94.0010, 79.3725, 21.9241 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(119, 50, 255) }
```

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

```
.border{ border-color:rgb(119, 50, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 50, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 50, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 50, 255);  
box-shadow:4px 4px 4px 4px rgb(119, 50,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 94.0010, 79.3725, 21.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 50, 255) }
```

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

```
.background{ background-color: rgb(119, 50,  
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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