

Converting Colors

YUV(100.5310, 68.7582,
19.7053)

Have a look what the booklet for
YUV(100.5310, 68.7582, 19.7053)
contains.

YUV(100.5310, 68.7582, 19.7053)	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(100.5310, 68.7582,
19.7053)**

Conversions

Conversions Part 1

Format	Color
Hex	7B3EF0
RGB	123, 62, 240
RGB Percent	48%, 24%, 94%
CMY	0.5176, 0.7569, 0.0588
CMYK	0.49, 0.74, 0.00, 0.06
HSL	261°, 86%, 59%
HSV	261°, 74%, 94%
XYZ	25.6192, 13.9475, 83.7799
YIQ	100.5310, -20.7820, 68.2900

Conversions

Conversions Part 2

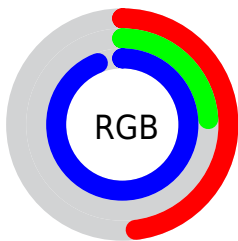
Format	Color
R_{YB}	123, 62, 240
Decimal	8077040
CIE _{Lab}	44.16, 63.68, -79.55
CIE _{LCh}	44, 101.900, 308.679
Yxy	13.9475, 0.2077, 0.1131
Android (android.graphics.Color)	4286267120 (0xFF7B3EF0)
YUV	100.5310, 68.7582, 19.7053
Hunter-Lab	37.3463, 57.0931, -106.8643

Details

The YUV color **100.5310, 68.7582, 19.7053** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **201.4690, -68.7582, -19.7053**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.5910, 50.9806, 28.4227**, and **37.6060, 71.6792, 16.1315** is the 20% darker color. If you saturate the color by 10%, you get **81.6590, 78.0621, 22.2241**, and if you desaturate by 10%, it is **119.4030, 59.4543, 17.1866**.

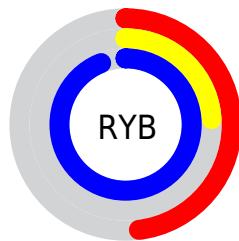
Distribution



Red (48%)

Green (24%)

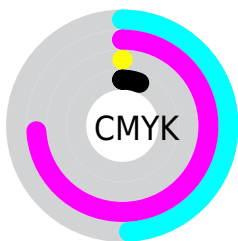
Blue (94%)



Red (48%)

Yellow (24%)

Blue (94%)

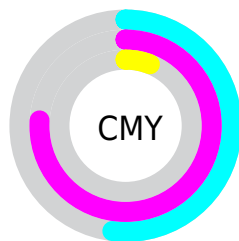


Cyan (49%)

Magenta (74%)

Yellow (0%)

Black (6%)



Cyan (52%)

Magenta (76%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5310, 68.7582, 19.7053 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 100.5310, 68.7582, 19.7053 by changing the saturation by 10% instead.

100.5310, 68.7582,
19.7053

100.5310, 68.7582,
19.7053

255.0000, 0.0000,
0.0000

71.2210, 68.9110,
17.3462

151.5910, 50.9806,
28.4227

37.6060, 71.6792,
16.1315

176.7090, 38.5975,
33.5812

17.6700, 67.7037,
-15.4966

202.1150, 26.0723,
37.6101

14.5920, 55.9101,
-12.7972

221.5410, 16.4953,
29.3435

11.6280, 44.5534,
-10.1978

238.5640, 8.1029,
14.4144

13.9470, 30.5921,
-12.2315

8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 100.5310, 68.7582,
19.7053

■ 100.5310, 68.7582,
19.7053

■ 81.6590, 78.0621,
22.2241

■ 119.4030, 59.4543,
17.1866

■ 62.7870, 87.3660,
24.7428

■ 138.2750, 50.1504,
14.6678

■ 51.8780, 92.7441,
26.4170

■ 156.8480, 40.9939,
11.5343

■ 175.7200, 31.6900,
9.0156

■ 194.5920, 22.3861,
6.4968

■ 213.4640, 13.0822,
3.9781

■ 232.0370, 3.9258,
0.8446

■ 250.9090, -5.3781,
-1.6742

■ 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.



93.6400, 79.5505, -82.1223



100.5310, 68.7582, 19.7053



84.0350, 41.3947, 116.6103

Triad

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



100.5310, 68.7582, 19.7053



96.3500, -47.5005, 68.9761



93.8370, 16.8424, -82.2950

Complementary

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



100.5310, 68.7582, 19.7053



201.4690, -68.7582, -19.7053

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.



81.3600, -23.3485, -71.3527



100.5310, 68.7582, 19.7053



96.2640, -47.4582, 8.5385

Square

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



100.5310, 68.7582, 19.7053



66.6770, -32.8718, 137.0953



73.3750, -36.1739, -64.3499



103.8860, 52.8072, -91.1080

Rectangle

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



100.5310, 68.7582, 19.7053



84.2290, 13.6911, 135.7342



73.3750, -36.1739, -64.3499



89.8300, 4.0278, -78.7809

Sweetspot

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



100.5310, 68.7582, 19.7053



211.0650, 21.6600, 6.0820



152.1450, 43.3125, -79.0572



101.4640, 13.0822, 3.9781



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.



100.5310, 68.7582, 19.7053



77.2000, 87.6554, 25.2576



126.5440, 55.9338, 73.1909



110.5640, 4.6519, 1.2594



39.8130, 71.0842, 20.3350



12.0650, 21.6600, 6.0820

Inverse Universe

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



128.5600, 24.8669, 97.7329



112.8590, 31.6215, 124.6577



175.4560, -55.9338, -73.1909



112.5000, 1.7255, 6.5775



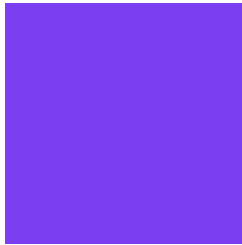
68.8100, 25.7297, 101.0216



20.9620, 7.9067, 30.7283

Previews

White Background



This preview shows how the YUV color 100.5310, 68.7582, 19.7053 looks on a white background.

Color Contrast Check

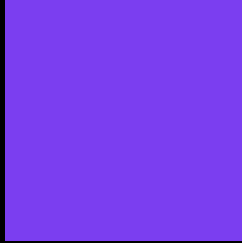
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.5310, 68.7582, 19.7053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

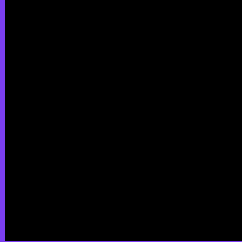
Any Text WCAG AA × Fail

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 100.5310, 68.7582, 19.7053 Background



This preview shows how black text looks on a background with the YUV color 100.5310, 68.7582, 19.7053.



This preview shows how white text looks on a background with the YUV color 100.5310, 68.7582, 19.7053.

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

100.5310, 68.7582, 19.7053

Protanopia

82.8680, 63.6621, -72.6752

Deuteranopia

83.5570, 48.5324, -73.2795



Tritanopia

102.2310, 6.2951, -12.4806

Trichromacy



Original Color

100.5310, 68.7582, 19.7053



Protanomaly

89.2450, 65.4482, -38.8029



Deuteranomaly

90.0140, 55.7021, -39.4773



Tritanomaly

101.8560, 28.6650, -0.7507

Monochromacy



Original Color

100.5310, 68.7582, 19.7053



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

100.9880, 25.1489, 7.0265

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5310, 68.7582, 19.7053 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(123, 62, 240)` looks like.

```
.text, #text, p{  
    color:rgb(123, 62, 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(123, 62, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 62, 240) }
```

Border

The CSS property to change the border of an element to YUV 100.5310, 68.7582, 19.7053 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(123, 62, 240) }
```


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

```
.border{ border-color:rgb(123, 62, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 62, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 62, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 62, 240);  
box-shadow:4px 4px 4px 4px rgb(123, 62,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 100.5310, 68.7582, 19.7053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 62, 240) }
```

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

```
.background{ background-color: rgb(123, 62,  
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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