

Converting Colors

YUV(92.4950, 80.1150, 17.1059)

Have a look what the booklet for
YUV(92.4950, 80.1150, 17.1059)
contains.

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Color

**YUV(92.4950, 80.1150,
17.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	7033FF
RGB	112, 51, 255
RGB Percent	44%, 20%, 100%
CMY	0.5608, 0.8000, 0.0000
CMYK	0.56, 0.80, 0.00, 0.00
HSL	258°, 100%, 60%
HSV	258°, 80%, 100%
XYZ	25.9159, 13.0324, 95.7573
YIQ	92.4950, -29.1280, 76.3760

Conversions

Conversions Part 2

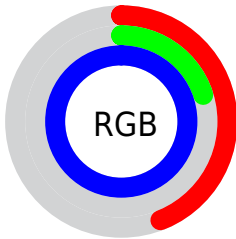
Format	Color
R _Y B	112, 51, 255
Decimal	7353343
CIE Lab	42.81, 70.72, -90.22
CIE LCh	43, 114.634, 308.094
Yxy	13.0324, 0.1924, 0.0967
Android (android.graphics.Color)	4285543423 (0xFF7033FF)
YUV	92.4950, 80.1150, 17.1059
Hunter-Lab	36.1004, 64.9666, -131.9981

Details

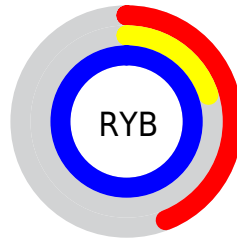
The YUV color **92.4950, 80.1150, 17.1059** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **213.5050, -80.1150, -17.1059**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.2150, 54.6170, 28.7524**, and **30.8300, 81.9218, -2.4819** is the 20% darker color. If you saturate the color by 10%, you get **71.8510, 90.2925, 19.4247**, and if you desaturate by 10%, it is **113.1390, 69.9375, 14.7871**.

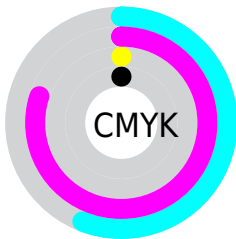
Distribution



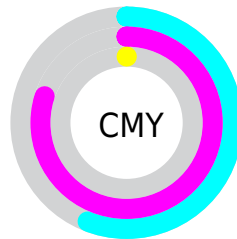
- Red (44%)
- Green (20%)
- Blue (100%)



- Red (44%)
- Yellow (20%)
- Blue (100%)



- Cyan (56%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (80%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.4950, 80.1150, 17.1059 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 92.4950, 80.1150, 17.1059 by changing the saturation by 10% instead.

92.4950, 80.1150,
17.1059

92.4950, 80.1150,
17.1059

255.0000, 0.0000,
0.0000

59.0540, 82.3044,
14.8616

144.2150, 54.6170,
28.7524

30.8300, 81.9218,
-2.4819

169.3330, 42.2338,
33.9110

19.1520, 73.3821,
-16.7963

195.3370, 29.4139,
39.1695

16.0740, 61.5885,
-14.0969

216.2580, 19.0998,
33.9767

12.9960, 49.7950,
-11.3975

233.2810, 10.7075,
19.0476

17.6630, 34.6761,
-15.4905

250.3040, 2.3151,

11.4050, 25.9293,

4.1184

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 92.4950, 80.1150,
17.1059

■ 92.4950, 80.1150,
17.1059

■ 71.8510, 90.2925,
19.4247

■ 113.1390, 69.9375,
14.7871

■ 51.7940, 100.1806,
21.2287

■ 133.1960, 60.0494,
12.9831

■ 153.8400, 49.8719,
10.6643

■ 173.5980, 40.1312,
8.2456

■ 194.2420, 29.9537,
5.9268

■ 214.2990, 20.0656,
4.1228

■ 234.9430, 9.8881,
1.8040

■ 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.



93.6400, 79.5505, -82.1223



92.4950, 80.1150, 17.1059



86.8120, 42.9837, 120.3139

Triad

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



92.4950, 80.1150, 17.1059



91.0780, -44.9015, 75.3536



92.4350, 16.5475, -81.0655

Complementary

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



92.4950, 80.1150, 17.1059



213.5050, -80.1150, -17.1059

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.



77.6780, -32.3793, -68.1236



92.4950, 80.1150, 17.1059



93.0080, -45.8529, 7.0090

Square

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



92.4950, 80.1150, 17.1059



69.0690, -34.0510, 142.0135



72.2010, -35.5951, -63.3203



104.2110, 56.5910, -91.3930

Rectangle

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



92.4950, 80.1150, 17.1059



87.2190, 12.2170, 141.8819



72.2010, -35.5951, -63.3203



88.0860, 2.4226, -77.2514

Sweetspot

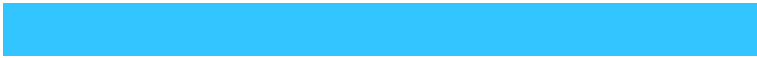
The Sweet Spot groups the original color and five complimentary colors.



92.4950, 80.1150, 17.1059



206.3360, 23.9914, 4.9673



159.9580, 46.8557, -95.5562



98.5070, 14.5400, 3.0634



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.



92.4950, 80.1150, 17.1059



59.7570, 96.2548, 20.3841



122.0960, 65.5217, 77.9688



117.6780, 5.0887, 1.1594



38.8170, 75.0262, 15.9465



12.9770, 25.1543, 5.2822

Inverse Universe

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



128.2980, 32.3911, 111.1177



102.8630, 39.0145, 133.4241



183.9040, -65.5217, -77.9688



119.9130, 2.0149, 7.0923



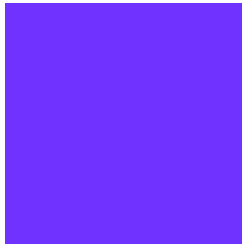
72.3850, 30.3762, 104.0254



24.2660, 10.2219, 34.8467

Previews

White Background



This preview shows how the YUV color 92.4950, 80.1150, 17.1059 looks on a white background.

Color Contrast Check

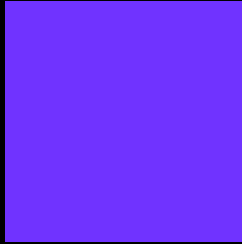
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.4950, 80.1150, 17.1059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

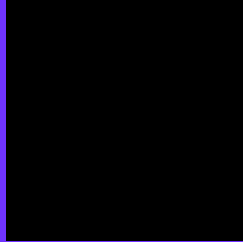
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.4950, 80.1150, 17.1059

Background



This preview shows how black text looks on a background with the YUV color 92.4950, 80.1150, 17.1059.



This preview shows how white text looks on a background with the YUV color 92.4950, 80.1150,

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

92.4950, 80.1150, 17.1059

Protanopia

80.1950, 61.0359, -70.3310

Deuteranopia

80.4110, 46.6324, -70.5204



Tritanopia

94.8590, 10.4225, -29.6943

Trichromacy



Original Color

92.4950, 80.1150, 17.1059



Protanomaly

84.6410, 68.2110, -38.2732



Deuteranomaly

84.8230, 58.7543, -38.4328



Tritanomaly

94.0270, 35.9757, -12.3017

Monochromacy



Original Color

92.4950, 80.1150, 17.1059



Achromatopsia

92.0000, 0.0000, 0.0000



Achromatomaly

92.0140, 29.0801, 6.1267

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.4950, 80.1150, 17.1059 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(112, 51, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 51, 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(112, 51, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 51, 255) }
```

Border

The CSS property to change the border of an element to YUV 92.4950, 80.1150, 17.1059 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(112, 51, 255) }
```


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

```
.border{ border-color:rgb(112, 51, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 51, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 51, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 51, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 51,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 92.4950, 80.1150, 17.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 51, 255) }
```

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

```
.background{ background-color: rgb(112, 51,  
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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