

Converting Colors

YUV(117.8220, 53.8248, 2.7871)

Have a look what the booklet for
YUV(117.8220, 53.8248, 2.7871)
contains.

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Color

**YUV(117.8220, 53.8248,
2.7871)**

Conversions

Conversions Part 1

Format	Color
Hex	795FE3
RGB	121, 95, 227
RGB Percent	47%, 37%, 89%
CMY	0.5255, 0.6275, 0.1098
CMYK	0.47, 0.58, 0.00, 0.11
HSL	252°, 70%, 63%
HSV	252°, 58%, 89%
XYZ	25.8425, 17.7954, 74.7459
YIQ	117.8220, -26.8760, 46.5640

Conversions

Conversions Part 2

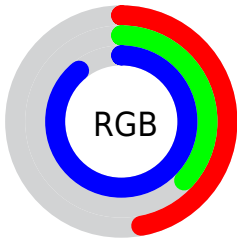
Format	Color
R_{YB}	121, 95, 227
Decimal	7954403
CIE _{Lab}	49.25, 42.68, -63.94
CIE _{LCh}	49, 76.872, 303.726
Yxy	17.7954, 0.2183, 0.1503
Android (android.graphics.Color)	4286144483 (0xFF795FE3)
YUV	117.8220, 53.8248, 2.7871
Hunter-Lab	42.1846, 35.5269, -75.5252

Details

The YUV color **117.8220, 53.8248, 2.7871** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **204.1780, -53.8248, -2.7871**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2930, 42.7466, 9.3900**, and **65.0230, 52.2467, -4.4052** is the 20% darker color. If you saturate the color by 10%, you get **98.9390, 63.1341, 3.5615**, and if you desaturate by 10%, it is **136.7050, 44.5154, 2.0127**.

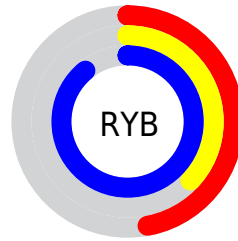
Distribution



Red (47%)

Green (37%)

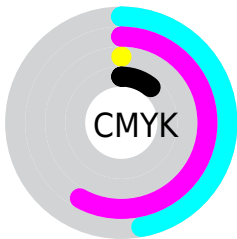
Blue (89%)



Red (47%)

Yellow (37%)

Blue (89%)

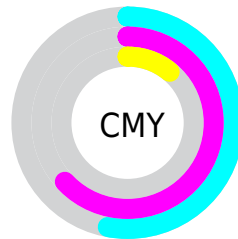


Cyan (47%)

Magenta (58%)

Yellow (0%)

Black (11%)



Cyan (53%)

Magenta (63%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8220, 53.8248, 2.7871 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 117.8220, 53.8248, 2.7871 by changing the saturation by 10% instead.

■ 117.8220, 53.8248,
2.7871

■ 117.8220, 53.8248,
2.7871

■ 255.0000, 0.0000,
0.0000

■ 91.7570, 52.3778,
0.2131

■ 168.2930, 42.7466,
9.3900

■ 65.0230, 52.2467,
-4.4052

■ 193.1120, 30.5108,
13.9338

■ 36.3700, 52.5686,
-14.3565

■ 218.5180, 17.9856,
17.9627

■ 14.5120, 50.5266,
-12.7270

■ 239.7380, 7.5242,
13.3848

■ 10.4880, 40.1854,
-9.1980

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 117.8220, 53.8248,
2.7871

■ 117.8220, 53.8248,
2.7871

■ 98.9390, 63.1341,
3.5615

■ 136.7050, 44.5154,
2.0127

■ 80.6430, 72.1540,
3.8211

■ 155.0010, 35.4955,
1.7531

■ 61.4610, 81.6107,
3.9807

■ 174.1830, 26.0388,
1.5935

■ 42.5780, 90.9200,
4.7551

■ 193.0660, 16.7295,
0.8191

■ 39.3330, 92.5198,
4.9700

■ 211.9490, 7.4201,
0.0447

■ 230.2450, -1.5998,
-0.2149

■ 249.4270,
-11.0565, -0.3745

■ 251.8080,
-12.2303, 2.7994

Harmonies

Analogous

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



100.5870, 73.1676, -88.2148



117.8220, 53.8248, 2.7871



110.6760, 32.2047, 77.4601

Triad

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



117.8220, 53.8248, 2.7871



108.4440, -53.4629, 68.0166



98.6640, 12.4906, -86.5283

Complementary

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



117.8220, 53.8248, 2.7871



204.1780, -53.8248, -2.7871

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.



88.9230, -17.2170, -77.9855



117.8220, 53.8248, 2.7871



109.0440, -53.7587, 22.7634

Square

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



117.8220, 53.8248, 2.7871



101.1890, -26.2222, 104.1972



97.5060, -48.0705, -28.5078



105.9600, 40.4457, -92.9269

Rectangle

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



117.8220, 53.8248, 2.7871



92.8070, 20.3081, 113.3023



97.5060, -48.0705, -28.5078



96.0420, 2.4443, -84.2288

Sweetspot

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



117.8220, 53.8248, 2.7871



219.2940, 17.6031, 0.6192



173.4440, 26.4031, -68.7954



106.4590, 10.6197, 0.4745



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.



117.8220, 53.8248, 2.7871



107.7570, 72.5908, 3.7211



136.9580, 44.3907, 42.1328



105.2650, 4.7994, 0.6446



30.8710, 73.0276, 3.6211



8.8040, 20.8026, 1.0489

Inverse Universe

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



146.5520, 26.8429, 70.5529



146.5240, 36.2237, 95.1335



185.0420, -44.3907, -42.1328



107.6140, 2.1623, 6.4775



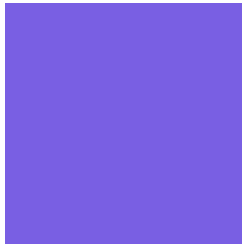
69.8230, 36.0763, 95.7482



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 117.8220, 53.8248, 2.7871 looks on a white background.

Color Contrast Check

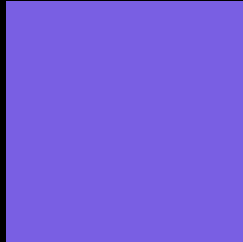
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.8220, 53.8248, 2.7871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

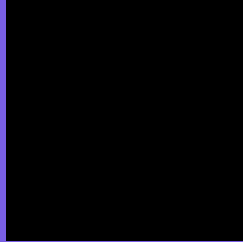
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.8220, 53.8248, 2.7871

Background



This preview shows how black text looks on a background with the YUV color 117.8220, 53.8248, 2.7871.



This preview shows how white text looks on a background with the YUV color 117.8220, 53.8248,

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

117.8220, 53.8248, 2.7871

Protanopia

92.9900, 71.9829, -81.5522

Deuteranopia

93.6790, 56.8533, -82.1565



Tritanopia

114.3660, 8.2006, -16.9840

Trichromacy



Original Color

117.8220, 53.8248, 2.7871



Protanomaly

102.1680, 65.4862, -51.0133



Deuteranomaly

102.3500, 56.0295, -51.1729



Tritanomaly

115.7640, 24.7663, -10.3170

Monochromacy



Original Color

117.8220, 53.8248, 2.7871



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.1630, 19.6396, 0.7340

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8220, 53.8248, 2.7871 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(121, 95, 227)` looks like.

```
.text, #text, p{  
    color:rgb(121, 95, 227)  
}
```

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(121, 95, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 95, 227) }
```

Border

The CSS property to change the border of an element to YUV 117.8220, 53.8248, 2.7871 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(121, 95, 227) }
```


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

```
.border{ border-color:rgb(121, 95, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 95, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 95, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 95, 227);  
box-shadow:4px 4px 4px 4px rgb(121, 95,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 117.8220, 53.8248, 2.7871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 95, 227) }
```

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

```
.background{ background-color: rgb(121, 95,  
227) }
```

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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