

Converting Colors

YUV(115.2220, 43.7676, 8.5753)

Have a look what the booklet for
YUV(115.2220, 43.7676, 8.5753)
contains.

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Color

**YUV(115.2220, 43.7676,
8.5753)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5DCC
RGB	125, 93, 204
RGB Percent	49%, 36%, 80%
CMY	0.5098, 0.6353, 0.2000
CMYK	0.39, 0.54, 0.00, 0.20
HSL	257°, 52%, 58%
HSV	257°, 54%, 80%
XYZ	23.2709, 16.5483, 59.0944
YIQ	115.2220, -16.5590, 41.3050

Conversions

Conversions Part 2

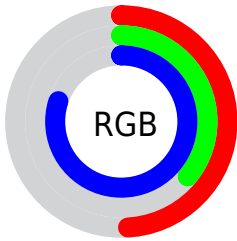
Format	Color
R_{YB}	125, 93, 204
Decimal	8216012
CIE _{Lab}	47.69, 38.29, -53.34
CIE _{LCh}	48, 65.656, 305.673
Yxy	16.5483, 0.2353, 0.1673
Android (android.graphics.Color)	4286406092 (0xFF7D5DCC)
YUV	115.2220, 43.7676, 8.5753
Hunter-Lab	40.6796, 30.9221, -57.6535

Details

The YUV color **115.2220, 43.7676, 8.5753** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **181.7780, -43.7676, -8.5753**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7170, 43.0305, 11.6492**, and **64.0320, 41.8892, 4.3569** is the 20% darker color. If you saturate the color by 10%, you get **98.9970, 51.7665, 9.6496**, and if you desaturate by 10%, it is **131.4470, 35.7686, 7.5010**.

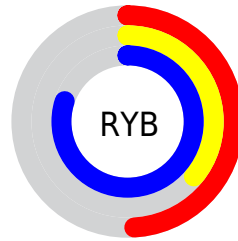
Distribution



Red (49%)

Green (36%)

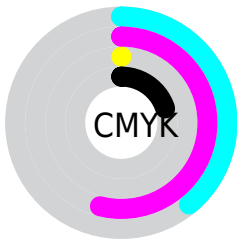
Blue (80%)



Red (49%)

Yellow (36%)

Blue (80%)

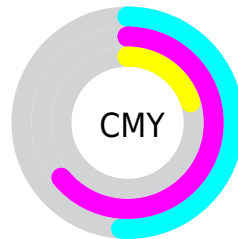


Cyan (39%)

Magenta (54%)

Yellow (0%)

Black (20%)



Cyan (51%)

Magenta (64%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2220, 43.7676, 8.5753 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 115.2220, 43.7676, 8.5753 by changing the saturation by 10% instead.

■ 115.2220, 43.7676,
8.5753

■ 115.2220, 43.7676,
8.5753

255.0000, 0.0000,
0.0000

■ 89.5700, 42.6100,
6.5161

■ 167.7170, 43.0305,
11.6492

■ 64.0320, 41.8892,
4.3569

■ 192.2370, 30.9422,
15.5782

■ 38.5970, 41.6107,
0.3534

■ 217.6430, 18.4170,
19.6071

■ 11.6450, 42.0800,
-10.2127

■ 238.5640, 8.1029,
14.4144

■ 8.3220, 31.8863,
-7.2984

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 115.2220, 43.7676,
8.5753

■ 115.2220, 43.7676,
8.5753

■ 98.9970, 51.7665,
9.6496

■ 131.4470, 35.7686,
7.5010

■ 82.4840, 59.9074,
11.8535

■ 147.9600, 27.6277,
5.2971

■ 66.2590, 67.9063,
12.9279

■ 164.1850, 19.6288,
4.2228

■ 49.7460, 76.0472,
15.1318

■ 180.6980, 11.4879,
2.0189

■ 40.8970, 80.4098,
15.8763

■ 196.9230, 3.4890,
0.9445

■ 212.8490, -4.3626,
-0.7446

■ 229.6610,
-12.6509, -2.3337

■ 245.0000,
-20.2130, -3.5080

■ 249.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



94.2150, 63.9840, -82.6266



115.2220, 43.7676, 8.5753



110.8350, 24.2383, 65.9197

Triad

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



115.2220, 43.7676, 8.5753



106.0190, -52.2674, 57.8653



94.4410, 14.0796, -82.8248

Complementary

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



115.2220, 43.7676, 8.5753



181.7780, -43.7676, -8.5753

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.



86.5410, -11.1127, -75.8965



115.2220, 43.7676, 8.5753



105.1900, -51.8587, 20.0044

Square

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



115.2220, 43.7676, 8.5753



104.4810, -25.8731, 85.5242



95.4680, -47.0657, -24.0894



100.5970, 37.6667, -88.2236

Rectangle

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



115.2220, 43.7676, 8.5753



103.6070, 10.0537, 88.9217



95.4680, -47.0657, -24.0894



92.1610, 5.3436, -80.8252

Sweetspot

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



115.2220, 43.7676, 8.5753



222.2620, 16.1398, 3.2782



152.6140, 25.3333, -52.2815



107.9430, 9.8881, 1.8040



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.



115.2220, 43.7676, 8.5753



122.2760, 65.4329, 12.9129



131.6670, 35.6602, 42.3880



94.0370, 3.9258, 0.8446



33.2760, 65.4329, 12.9129



7.6210, 14.9768, 2.9634

Inverse Universe

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



135.1950, 18.1449, 60.3420



152.0860, 27.0726, 90.2556



165.3330, -35.6602, -42.3880



95.7880, 1.5835, 5.4479



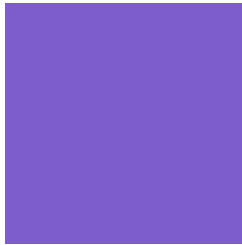
63.0860, 27.0726, 90.2556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 115.2220, 43.7676, 8.5753 looks on a white background.

Color Contrast Check

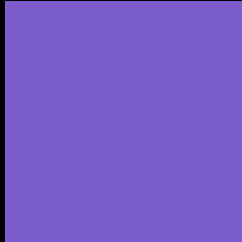
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.2220, 43.7676, 8.5753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

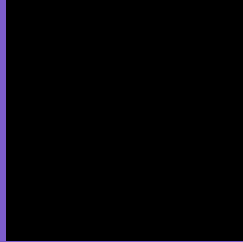
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.2220, 43.7676, 8.5753

Background



This preview shows how black text looks on a background with the YUV color 115.2220, 43.7676, 8.5753.



This preview shows how white text looks on a background with the YUV color 115.2220, 43.7676, 8.5753.

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

115.2220, 43.7676, 8.5753

Protanopia

102.6320, 58.3554, -50.5433

Deuteranopia

101.5530, 48.0414, -55.7360



Tritanopia

112.9330, 4.9630, -5.2032

Trichromacy



Original Color

115.2220, 43.7676, 8.5753

Protanomaly

107.0970, 53.1962, -29.0261

Deuteranomaly

106.6530, 46.5131, -32.1447

Tritanomaly

113.6360, 18.9135, 0.3192

Monochromacy



Original Color

115.2220, 43.7676, 8.5753

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1480, 15.7030, 3.3782

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2220, 43.7676, 8.5753 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(125, 93, 204)` looks like.

```
.text, #text, p{  
    color:rgb(125, 93, 204)  
}
```

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(125, 93, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 93, 204) }
```

Border

The CSS property to change the border of an element to YUV 115.2220, 43.7676, 8.5753 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(125, 93, 204) }
```


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

```
.border{ border-color:rgb(125, 93, 204) }
```

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

Here you see how a box with a 4 pixel rgb(125, 93, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 93, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 93, 204);  
box-shadow:4px 4px 4px 4px rgb(125, 93,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 115.2220, 43.7676, 8.5753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 93, 204) }
```

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

```
.background{ background-color: rgb(125, 93,  
204) }
```

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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