

Converting Colors

YUV(59.7900, 96.2385, 25.6172)

Have a look what the booklet for
YUV(59.7900, 96.2385, 25.6172)
contains.

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Color

**YUV(59.7900, 96.2385,
25.6172)**

Conversions

Conversions Part 1

Format	Color
Hex	5907FF
RGB	89, 7, 255
RGB Percent	35%, 3%, 100%
CMY	0.6510, 0.9725, 0.0000
CMYK	0.65, 0.97, 0.00, 0.00
HSL	260°, 100%, 51%
HSV	260°, 97%, 100%
XYZ	22.2458, 9.4958, 95.2681
YIQ	59.7900, -30.7360, 94.5120

Conversions

Conversions Part 2

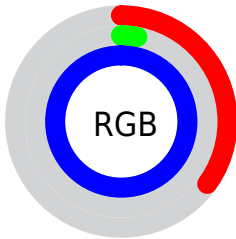
Format	Color
RYB	89, 7, 255
Decimal	5834751
CIELab	36.92, 80.02, -100.05
CIElCh	37, 128.112, 308.655
Yxy	9.4958, 0.1752, 0.0748
Android (android.graphics.Color)	4284024831 (0xFF5907FF)
YUV	59.7900, 96.2385, 25.6172
Hunter-Lab	30.8153, 74.9340, -161.7296

Details

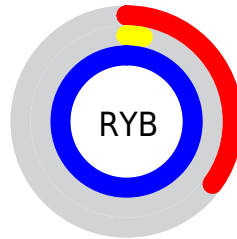
The YUV color **59.7900, 96.2385, 25.6172** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **202.2100, -96.2385, -25.6172**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5710, 64.7945, 31.0712**, and **22.3440, 85.6124, -19.5957** is the 20% darker color. If you saturate the color by 10%, you get **54.1860, 99.0013, 26.1469**, and if you desaturate by 10%, it is **80.1350, 86.2084, 22.6836**.

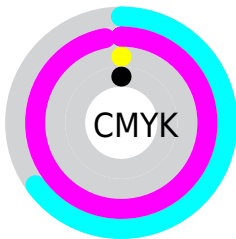
Distribution



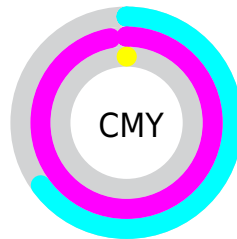
- Red (35%)
- Green (3%)
- Blue (100%)



- Red (35%)
- Yellow (3%)
- Blue (100%)



- Cyan (65%)
- Magenta (97%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (97%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7900, 96.2385, 25.6172 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 59.7900, 96.2385, 25.6172 by changing the saturation by 10% instead.

■ 59.7900, 96.2385,
25.6172

■ 59.7900, 96.2385,
25.6172

■ 255.0000, 0.0000,
0.0000

■ 38.2080, 92.0885,
3.3256

■ 123.5710, 64.7945,
31.0712

■ 22.3440, 85.6124,
-19.5957

■ 149.8740, 51.8271,
36.9445

■ 19.1520, 73.3821,
-16.7963

■ 175.8780, 39.0071,
42.2030

■ 16.0740, 61.5885,
-14.0969

■ 201.5830, 26.3346,
46.8467

■ 14.7570, 48.9268,
-12.9419

■ 218.6060, 17.9422,
31.9175

■ 17.0760, 34.9655,
-14.9757

■ 235.6290, 9.5499,

■ 11.4050, 25.9293,

16.9884

-10.0022

253.2390, 0.8682,
1.5444

6.4350, 17.0405,
-5.6435

2.7530, 8.0098,
-2.4144

59.7900, 96.2385,
25.6172

59.7900, 96.2385,
25.6172

54.1860, 99.0013,
26.1469

80.1350, 86.2084,
22.6836

99.8930, 76.4678,
20.2648

120.2380, 66.4377,
17.3313

139.9960, 56.6970,
14.9125

■ 160.3410, 46.6669,
11.9789

■ 180.0990, 36.9262,
9.5602

■ 200.4440, 26.8961,
6.6266

■ 220.5010, 17.0080,
4.8226

■ 240.8460, 6.9779,
1.8891

Harmonies

Analogous

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



87.1830, 82.7338, -76.4595



59.7900, 96.2385, 25.6172



84.2910, 39.7895, 118.1398

Triad

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



59.7900, 96.2385, 25.6172



74.5650, -36.7605, 77.5575



81.9030, 16.8098, -71.8289

Complementary

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



59.7900, 96.2385, 25.6172



202.2100, -96.2385, -25.6172

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.



66.9180, -32.9906, -58.6871



59.7900, 96.2385, 25.6172



78.7990, -38.8479, 0.1763

Square

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



59.7900, 96.2385, 25.6172



66.0790, -32.5769, 135.8657



63.9830, -31.5436, -56.1131



95.8790, 60.2057, -84.0859

Rectangle

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



59.7900, 96.2385, 25.6172



84.3130, 6.2547, 140.9225



63.9830, -31.5436, -56.1131



77.2120, 1.3745, -67.7149

Sweetspot

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



59.7900, 96.2385, 25.6172



196.9110, 28.6379, 7.9711



134.4750, 59.4188, -111.7956



92.6150, 17.4448, 4.7226



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.



59.7900, 96.2385, 25.6172



54.1860, 99.0013, 26.1469



95.9690, 78.4023, 100.0052



117.6780, 5.0887, 1.1594



40.6110, 74.1418, 19.6352



13.5750, 24.8595, 6.5117

Inverse Universe

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



100.0760, 35.9515, 135.8683



95.7390, 37.1037, 139.6719



166.0310, -78.4023, -100.0052



119.7990, 1.5781, 7.1923



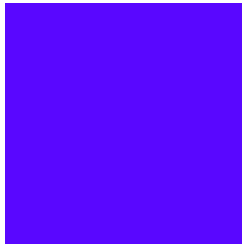
71.7010, 27.7554, 104.6252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 59.7900, 96.2385, 25.6172 looks on a white background.

Color Contrast Check

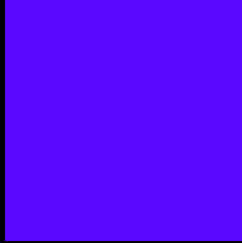
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 59.7900, 96.2385, 25.6172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

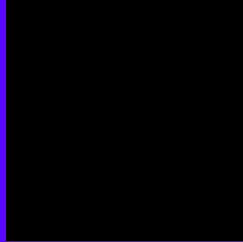
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7900, 96.2385, 25.6172

Background



This preview shows how black text looks on a background with the YUV color 59.7900, 96.2385, 25.6172.



This preview shows how white text looks on a background with the YUV color 59.7900, 96.2385,

25.6172.

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

59.7900, 96.2385, 25.6172

Protanopia

69.4860, 53.0044, -60.9392

Deuteranopia

69.9300, 39.4745, -61.3286



Tritanopia

68.6810, 16.9193, -60.2332

Trichromacy



Original Color

59.7900, 96.2385, 25.6172

Protanomaly

65.8100, 68.6207, -29.6514

Deuteranomaly

66.2200, 60.0375, -30.0109

Tritanomaly

65.1480, 45.7760, -29.0708

Monochromacy



Original Color

59.7900, 96.2385, 25.6172

Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

60.2300, 34.8896, 9.4453

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7900, 96.2385, 25.6172 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(89, 7, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 7, 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(89, 7, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 7, 255) }
```

Border

The CSS property to change the border of an element to YUV 59.7900, 96.2385, 25.6172 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(89, 7, 255) }
```


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

```
.border{ border-color:rgb(89, 7, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 7, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 7, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 7, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 7, 255)  
}
```

Background

The CSS property to change the background color of an element to YUV 59.7900, 96.2385, 25.6172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 7, 255) }
```

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

```
.background{ background-color: rgb(89, 7,  
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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