

Converting Colors

YUV(95.5890, 33.7266, 9.1304)

Have a look what the booklet for
YUV(95.5890, 33.7266, 9.1304)
contains.

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Color

**YUV(95.5890, 33.7266,
9.1304)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4DA4
RGB	106, 77, 164
RGB Percent	42%, 30%, 64%
CMY	0.5843, 0.6980, 0.3569
CMYK	0.35, 0.53, 0.00, 0.36
HSL	260°, 36%, 47%
HSV	260°, 53%, 64%
XYZ	15.2986, 11.0523, 36.4489
YIQ	95.5890, -10.6430, 33.2050

Conversions

Conversions Part 2

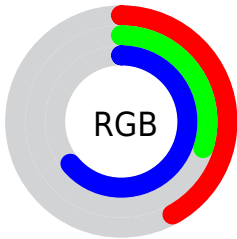
Format	Color
R_{YB}	106, 77, 164
Decimal	6966692
CIE _{Lab}	39.67, 32.03, -42.89
CIE _{LCh}	40, 53.531, 306.755
Yxy	11.0523, 0.2436, 0.1760
Android (android.graphics.Color)	4285156772 (0xFF6A4DA4)
YUV	95.5890, 33.7266, 9.1304
Hunter-Lab	33.2449, 23.9630, -41.7326

Details

The YUV color **95.5890, 33.7266, 9.1304** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **145.4110, -33.7266, -9.1304**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4690, 35.7578, 10.9897**, and **46.6980, 31.7009, 5.5269** is the 20% darker color. If you saturate the color by 10%, you get **82.9080, 39.9784, 10.6047**, and if you desaturate by 10%, it is **108.2700, 27.4749, 7.6562**.

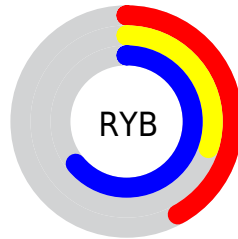
Distribution



Red (42%)

Green (30%)

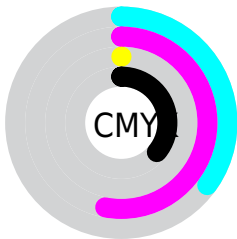
Blue (64%)



Red (42%)

Yellow (30%)

Blue (64%)

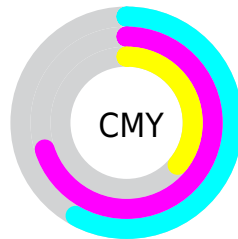


Cyan (35%)

Magenta (53%)

Yellow (0%)

Black (36%)



Cyan (58%)

Magenta (70%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.5890, 33.7266, 9.1304 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 95.5890, 33.7266, 9.1304 by changing the saturation by 10% instead.

■ 95.5890, 33.7266,
9.1304

■ 95.5890, 33.7266,
9.1304

255.0000, 0.0000,
0.0000

■ 71.2360, 32.4217,
7.6860

■ 147.4690, 35.7578,
10.9897

■ 46.6980, 31.7009,
5.5269

■ 174.2950, 36.3366,
12.0193

■ 22.6760, 31.7117,
2.0381

■ 199.6130, 27.3058,
15.2484

■ 8.0790, 27.0761,
-4.4543

■ 224.7200, 14.9280,
18.6626

■ 6.3210, 16.6037,
-5.5435

■ 243.8470, 5.4984,
9.7812

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,

0.0000

■ 95.5890, 33.7266,
9.1304

■ 95.5890, 33.7266,
9.1304

■ 82.9080, 39.9784,
10.6047

■ 108.2700, 27.4749,
7.6562

■ 69.6400, 46.5195,
12.5937

■ 121.5380, 20.9338,
5.6672

■ 56.9590, 52.7712,
14.0680

■ 134.2190, 14.6820,
4.1929

■ 43.6910, 59.3123,
16.0570

■ 147.4870, 8.1409,
2.2039

■ 35.1410, 63.5275,
17.4163

■ 160.1680, 1.8892,
0.7297

■ 172.8490, -4.3626,
-0.7446

■ 186.1170,
-10.9037, -2.7336

■ 198.4990,
-17.0080, -4.8226

■ 211.7670,
-23.5491, -6.8117

Harmonies

Analogous

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



76.9860, 51.2789, -67.5167



95.5890, 33.7266, 9.1304



92.7380, 17.8772, 52.8498

Triad

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



95.5890, 33.7266, 9.1304



87.6460, -43.2095, 45.9145



77.9590, 11.8522, -68.3700

Complementary

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



95.5890, 33.7266, 9.1304



145.4110, -33.7266, -9.1304

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.



71.6550, -7.2249, -62.8414



95.5890, 33.7266, 9.1304



86.8610, -42.8225, 15.0309

Square

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



95.5890, 33.7266, 9.1304



87.9840, -22.1771, 66.6660



79.7040, -34.8571, -19.9114



82.2740, 30.9239, -72.1543

Rectangle

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



95.5890, 33.7266, 9.1304



87.7480, 6.0402, 69.5040



79.7040, -34.8571, -19.9114



76.2490, 5.3002, -66.8704

Sweetspot

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



95.5890, 33.7266, 9.1304



187.1650, 13.2297, 3.3633



120.9640, 21.2167, -38.5564



91.3730, 7.7041, 2.3039



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5890, 33.7266, 9.1304



106.3720, 53.0606, 14.5828



108.7450, 27.2407, 36.1806



74.9230, 3.4890, 0.9445



30.8820, 56.2602, 15.0125



3.8460, 6.9779, 1.8891

Inverse Universe

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



109.6250, 12.5099, 47.6869



128.4510, 19.9907, 75.0265



132.2550, -27.2407, -36.1806



76.3750, 1.2941, 4.9331



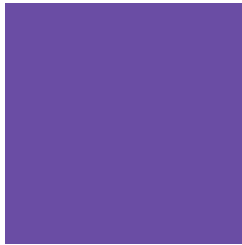
54.4130, 20.9954, 79.4448



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 95.5890, 33.7266, 9.1304 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 95.5890, 33.7266, 9.1304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

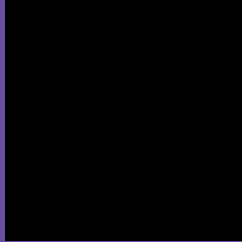
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.5890, 33.7266, 9.1304

Background



This preview shows how black text looks on a background with the YUV color 95.5890, 33.7266, 9.1304.



This preview shows how white text looks on a background with the YUV color 95.5890, 33.7266,

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

95.5890, 33.7266, 9.1304

Protanopia

87.1640, 44.7821, -36.9778

Deuteranopia

87.1610, 35.9096, -37.8522



Tritanopia

93.7980, 3.0576, -0.6998

Trichromacy



Original Color

95.5890, 33.7266, 9.1304

Protanomaly

90.2370, 40.8022, -20.3788

Deuteranomaly

90.0430, 34.9818, -20.2087

Tritanomaly

94.3930, 14.1033, 3.1633

Monochromacy



Original Color

95.5890, 33.7266, 9.1304

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9370, 12.3561, 3.5633

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.5890, 33.7266, 9.1304 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(106, 77, 164)` looks like.

```
.text, #text, p{  
    color:rgb(106, 77, 164)  
}
```

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(106, 77, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 77, 164) }
```

Border

The CSS property to change the border of an element to YUV 95.5890, 33.7266, 9.1304 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(106, 77, 164) }
```


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

```
.border{ border-color:rgb(106, 77, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 77, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 77, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 77, 164);  
box-shadow:4px 4px 4px 4px rgb(106, 77,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 95.5890, 33.7266, 9.1304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 77, 164) }
```

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

```
.background{ background-color: rgb(106, 77,  
164) }
```

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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