

Converting Colors

YUV(50.0090, 73.9456, 35.9491)

Have a look what the booklet for
YUV(50.0090, 73.9456, 35.9491)
contains.

YUV(50.0090, 73.9456, 35.9491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(50.0090, 73.9456,
35.9491)**

Conversions

Conversions Part 1

Format	Color
Hex	5B00C8
RGB	91, 0, 200
RGB Percent	36%, 0%, 78%
CMY	0.6431, 1.0000, 0.2157
CMYK	0.54, 1.00, 0.00, 0.22
HSL	267°, 100%, 39%
HSV	267°, 100%, 78%
XYZ	14.7397, 6.3943, 55.1009
YIQ	50.0090, -9.9640, 81.4920

Conversions

Conversions Part 2

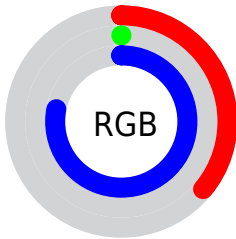
Format	Color
R_{YB}	91, 0, 200
Decimal	5963976
CIE _{Lab}	30.39, 68.69, -79.40
CIE _{LCh}	30, 104.990, 310.862
Yxy	6.3943, 0.1933, 0.0839
Android (android.graphics.Color)	4284154056 (0xFF5B00C8)
YUV	50.0090, 73.9456, 35.9491
Hunter-Lab	25.2869, 59.7954, -111.4939

Details

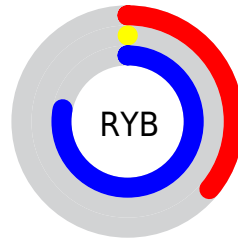
The YUV color **50.0090, 73.9456, 35.9491** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **149.9910, -73.9456, -35.9491**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.4940, 68.2835, 32.0158**, and **16.4160, 62.8989, -14.3968** is the 20% darker color. If you saturate the color by 10%, you get **50.0090, 73.9456, 35.9491**, and if you desaturate by 10%, it is **65.0380, 66.5363, 32.4157**.

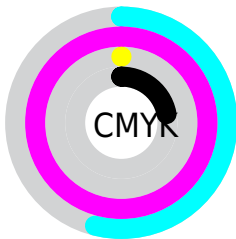
Distribution



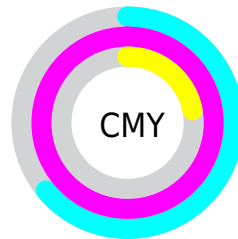
- Red (36%)
- Green (0%)
- Blue (78%)



- Red (36%)
- Yellow (0%)
- Blue (78%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.0090, 73.9456, 35.9491 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 50.0090, 73.9456, 35.9491 by changing the saturation by 10% instead.

■ 50.0090, 73.9456,
35.9491

■ 50.0090, 73.9456,
35.9491

255.0000, 0.0000,
0.0000

■ 36.6510, 66.7271,
17.8461

■ 116.4940, 68.2835,
32.0158

■ 16.4160, 62.8989,
-14.3968

■ 141.9000, 55.7583,
36.0447

■ 13.4520, 51.5422,
-11.7974

■ 167.0180, 43.3751,
41.2032

■ 10.4880, 40.1854,
-9.1980

■ 192.7230, 30.7026,
45.8469

■ 11.7470, 27.2397,
-10.3021

■ 212.1490, 21.1255,
37.5803


■ 6.7770, 18.3509,
-5.9434


■ 229.1720, 12.7332,


■ 3.0950, 9.3202,


22.6512


-2.7143


 246.1950, 4.3409,
7.7220


 0.0000, 0.0000,
0.0000


 50.0090, 73.9456,
35.9491

 65.0380, 66.5363,
32.4157

 80.0670, 59.1270,
28.8822

 95.0960, 51.7177,
25.3488

 110.1250, 44.3084,
21.8154

 125.1540, 36.8991,
18.2819

■ 139.8840, 29.6372,
14.1337

■ 154.9130, 22.2279,
10.6003

■ 169.9420, 14.8186,
7.0669

■ 184.9710, 7.4093,
3.5334

Harmonies

Analogous

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



73.1460, 82.2590, -64.1490



50.0090, 73.9456, 35.9491



68.5970, 28.7927, 98.5774

Triad

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



50.0090, 73.9456, 35.9491



64.3990, -31.7487, 56.6551



68.4530, 16.0457, -60.0333

Complementary

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



50.0090, 73.9456, 35.9491



149.9910, -73.9456, -35.9491

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.



55.5200, -25.8924, -48.6910



50.0090, 73.9456, 35.9491



63.7260, -31.4169, -3.2677

Square

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



50.0090, 73.9456, 35.9491



52.9230, -26.0910, 108.8155



52.8300, -26.0452, -46.3319



78.7470, 50.4107, -69.0611

Rectangle

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



50.0090, 73.9456, 35.9491



67.6380, 3.1365, 114.3275



52.8300, -26.0452, -46.3319



64.5600, 3.6679, -56.6191

Sweetspot

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



50.0090, 73.9456, 35.9491



197.8300, 28.1848, 13.3041



87.3700, 55.5266, -76.6235



93.2240, 17.1446, 7.6966



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.



50.0090, 73.9456, 35.9491



63.7540, 94.2843, 45.8197



79.6100, 59.3523, 96.8120



92.2220, 3.3416, 1.5593



40.7080, 60.2900, 29.1971



8.8880, 13.3662, 6.2372

Inverse Universe

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



72.2260, 18.1296, 112.0578



92.0910, 23.1261, 142.8712



120.3900, -59.3523, -96.8120



93.2610, 0.8573, 5.0331



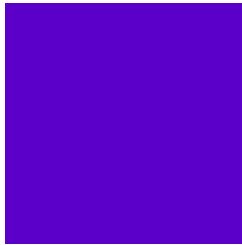
58.8830, 14.8477, 91.3106



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 50.0090, 73.9456, 35.9491 looks on a white background.

Color Contrast Check

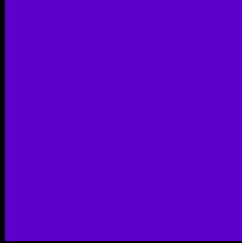
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0090, 73.9456, 35.9491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

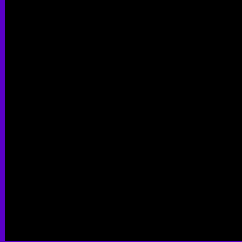
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.0090, 73.9456, 35.9491

Background



This preview shows how black text looks on a background with the YUV color 50.0090, 73.9456, 35.9491.



This preview shows how white text looks on a background with the YUV color 50.0090, 73.9456,

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



Protanopia

58.7770, 44.9729, -51.5474

Deuteranopia

59.2040, 33.9164, -51.9219

Tritanopia

70.9100, 6.4534, -16.5841

Trichromacy



Protanomaly

55.4340, 55.4950, -19.6746

Deuteranomaly

55.5990, 48.5117, -19.8193

Tritanomaly

63.4480, 30.8381, 2.2381

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.1890, 27.0218, 12.9892

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.0090, 73.9456, 35.9491 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(91, 0, 200)` looks like.

```
.text, #text, p{  
    color:rgb(91, 0, 200)  
}
```

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(91, 0, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 0, 200) }
```

Border

The CSS property to change the border of an element to YUV 50.0090, 73.9456, 35.9491 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(91, 0, 200) }
```

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

```
.border{ border-color:rgb(91, 0, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 0, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 0, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 0, 200);  
box-shadow:4px 4px 4px 4px rgb(91, 0, 200)  
}
```


Background

The CSS property to change the background color of an element to YUV 50.0090, 73.9456, 35.9491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 0, 200) }
```

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

```
.background{ background-color: rgb(91, 0,  
200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor