

Converting Colors

YUV(50.0820, 83.2766, 29.7461)

Have a look what the booklet for
YUV(50.0820, 83.2766, 29.7461)
contains.

YUV(50.0820, 83.2766, 29.7461)	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(50.0820, 83.2766,
29.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	5400DB
RGB	84, 0, 219
RGB Percent	33%, 0%, 86%
CMY	0.6706, 1.0000, 0.1412
CMYK	0.62, 1.00, 0.00, 0.14
HSL	263°, 100%, 43%
HSV	263°, 100%, 86%
XYZ	16.4423, 6.9993, 67.5022
YIQ	50.0820, -20.2350, 85.9170

Conversions

Conversions Part 2

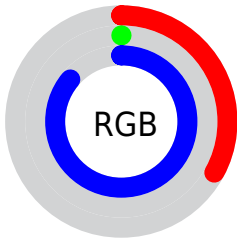
Format	Color
RYB	84, 0, 219
Decimal	5505243
CIELab	31.81, 72.54, -88.11
CIELCh	32, 114.132, 309.464
Yxy	6.9993, 0.1808, 0.0770
Android (android.graphics.Color)	4283695323 (0xFF5400DB)
YUV	50.0820, 83.2766, 29.7461
Hunter-Lab	26.4562, 64.6383, -132.7575

Details

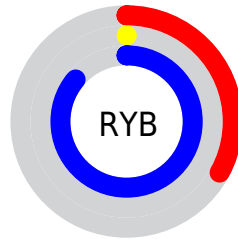
The YUV color **50.0820, 83.2766, 29.7461** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **168.9180, -83.2766, -29.7461**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1840, 68.4363, 29.6566**, and **18.4680, 70.7613, -16.1964** is the 20% darker color. If you saturate the color by 10%, you get **50.0820, 83.2766, 29.7461**, and if you desaturate by 10%, it is **66.8830, 74.9937, 26.4126**.

Distribution



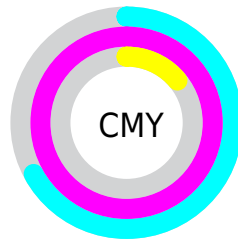
- Red (33%)
- Green (0%)
- Blue (86%)



- Red (33%)
- Yellow (0%)
- Blue (86%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (67%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.0820, 83.2766, 29.7461 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 50.0820, 83.2766, 29.7461 by changing the saturation by 10% instead.

■ 50.0820, 83.2766,
29.7461

■ 50.0820, 83.2766,
29.7461

■ 255.0000, 0.0000,
0.0000

■ 34.5170, 76.6531,
7.4396

■ 116.1840, 68.4363,
29.6566

■ 18.4680, 70.7613,
-16.1964

■ 141.8890, 55.7637,
34.3003

■ 15.3900, 58.9677,
-13.4970

■ 167.5940, 43.0912,
38.9441

■ 12.3120, 47.1742,
-10.7976

■ 193.5980, 30.2712,
44.2026

■ 15.9190, 33.0709,
-13.9610

■ 213.3230, 20.5468,
36.5507

■ 10.2480, 24.0347,
-8.9875


■ 230.3460, 12.1544,


■ 5.2780, 15.1459,


21.6216


-4.6288


 247.3690, 3.7621,
6.6924


 1.3680, 5.2416,
-1.1997

 0.0000, 0.0000,
0.0000

 50.0820, 83.2766,
29.7461

 66.8830, 74.9937,
26.4126

 83.9830, 66.5634,
23.6939

 100.7840, 58.2805,
20.3604

 117.8840, 49.8502,
17.6417

■ 134.6850, 41.5673,
14.3083

■ 151.1980, 33.4264,
12.1044

■ 167.9990, 25.1435,
8.7709

■ 185.0990, 16.7132,
6.0522

■ 201.9000, 8.4303,
2.7187

Harmonies

Analogous

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



78.3780, 87.0746, -68.7375



50.0820, 83.2766, 29.7461



73.0690, 32.9970, 103.4255

Triad

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



50.0820, 83.2766, 29.7461



65.0410, -32.0652, 64.8620



71.0290, 15.7617, -62.2924

Complementary

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



50.0820, 83.2766, 29.7461



168.9180, -83.2766, -29.7461

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.



58.1130, -28.6497, -50.9651



50.0820, 83.2766, 29.7461



67.2810, -33.1695, -1.1234

Square

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



50.0820, 83.2766, 29.7461



57.1090, -28.1547, 117.4224



55.7650, -27.4921, -48.9059



83.4090, 53.0424, -73.1497

Rectangle

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



50.0820, 83.2766, 29.7461



72.7360, 4.5672, 122.1345



55.7650, -27.4921, -48.9059



67.3810, 1.7842, -59.0931

Sweetspot

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



50.0820, 83.2766, 29.7461



196.3350, 28.9218, 10.2302



104.2110, 56.5910, -91.3930



92.3270, 17.5868, 5.8522



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.



50.0820, 83.2766, 29.7461



58.3720, 96.9376, 34.7538



82.6730, 67.2092, 96.7568



101.4500, 4.2151, 1.3593



39.7550, 65.6898, 23.8939



10.6260, 17.4394, 6.4670

Inverse Universe

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



80.8710, 26.6856, 121.1391



94.1430, 30.9885, 141.0716



136.3270, -67.2092, -96.7568



102.9730, 0.9993, 6.1627



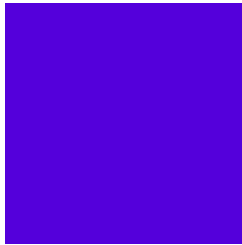
63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 50.0820, 83.2766, 29.7461 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

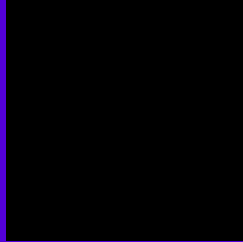
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.0820, 83.2766, 29.7461

Background



This preview shows how black text looks on a background with the YUV color 50.0820, 83.2766, 29.7461.



This preview shows how white text looks on a background with the YUV color 50.0820, 83.2766,

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

61.1080, 46.2888, -53.5917

Deuteranopia

61.4210, 34.7954, -53.8662

Tritanopia

60.3830, 15.5872, -52.9559

Trichromacy



Protanomaly

57.1500, 59.5790, -22.9336

Deuteranomaly

57.3150, 52.5957, -23.0783

Tritanomaly

56.6990, 40.0814, -22.5380

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9760, 30.0848, 10.5450

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.0820, 83.2766, 29.7461 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(84, 0, 219)` looks like.

```
.text, #text, p{  
    color:rgb(84, 0, 219)  
}
```

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(84, 0, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 0, 219) }
```

Border

The CSS property to change the border of an element to YUV 50.0820, 83.2766, 29.7461 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(84, 0, 219) }
```

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

```
.border{ border-color:rgb(84, 0, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 0, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 0, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 0, 219);  
box-shadow:4px 4px 4px 4px rgb(84, 0, 219)  
}
```


Background

The CSS property to change the background color of an element to YUV 50.0820, 83.2766, 29.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 0, 219) }
```

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

```
.background{ background-color: rgb(84, 0,  
219) }
```

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