

Converting Colors

YUV(47.5310, 72.2092, 32.8603)

Have a look what the booklet for
YUV(47.5310, 72.2092, 32.8603)
contains.

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Color

**YUV(47.5310, 72.2092,
32.8603)**

Conversions

Conversions Part 1

Format	Color
Hex	5500C2
RGB	85, 0, 194
RGB Percent	33%, 0%, 76%
CMY	0.6667, 1.0000, 0.2392
CMYK	0.56, 1.00, 0.00, 0.24
HSL	266°, 100%, 38%
HSV	266°, 100%, 76%
XYZ	13.4839, 5.8263, 51.4528
YIQ	47.5310, -11.6140, 78.3540

Conversions

Conversions Part 2

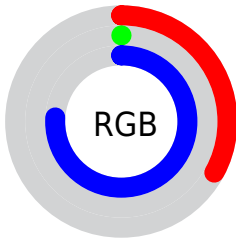
Format	Color
RYB	85, 0, 194
Decimal	5570754
CIELab	28.97, 66.94, -78.25
CIELCh	29, 102.971, 310.546
Yxy	5.8263, 0.1906, 0.0823
Android (android.graphics.Color)	4283760834 (0xFF5500C2)
YUV	47.5310, 72.2092, 32.8603
Hunter-Lab	24.1378, 57.4729, -109.4878

Details

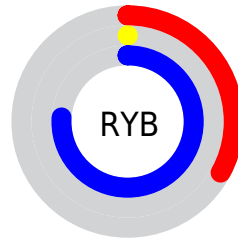
The YUV color **47.5310, 72.2092, 32.8603** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **146.4690, -72.2092, -32.8603**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.7710, 68.1469, 29.1418**, and **15.8460, 60.7149, -13.8969** is the 20% darker color. If you saturate the color by 10%, you get **47.5310, 72.2092, 32.8603**, and if you desaturate by 10%, it is **61.9730, 65.0893, 29.8417**.

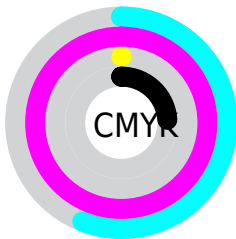
Distribution



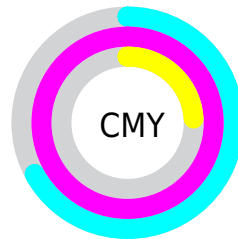
- Red (33%)
- Green (0%)
- Blue (76%)



- Red (33%)
- Yellow (0%)
- Blue (76%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (67%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5310, 72.2092, 32.8603 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 47.5310, 72.2092, 32.8603 by changing the saturation by 10% instead.

47.5310, 72.2092,
32.8603

47.5310, 72.2092,
32.8603

255.0000, 0.0000,
0.0000

33.8740, 65.1381,
14.1425

113.7710, 68.1469,
29.1418

15.8460, 60.7149,
-13.8969

138.9320, 57.2215,
33.3856

12.7680, 48.9214,
-11.1975

164.0500, 44.8384,
38.5442

9.9180, 38.0014,
-8.6981

189.4560, 32.3132,
42.5731

10.5900, 25.3451,
-9.2874

210.9750, 21.7043,
38.6099


6.2070, 16.1669,
-5.4435

227.9980, 13.3120,


2.5250, 7.1362,


23.6808


-2.2144


 245.0210, 4.9196,
8.7516


 0.0000, 0.0000,
0.0000


 47.5310, 72.2092,
32.8603

 61.9730, 65.0893,
29.8417

 77.0020, 57.6800,
26.3082

 91.4440, 50.5601,
23.2896

 106.4730, 43.1508,
19.7562

 120.6160, 36.1783,
16.1228

■ 135.0580, 29.0584,
13.1041

■ 150.0870, 21.6491,
9.5707

■ 164.5290, 14.5292,
6.5521

■ 179.5580, 7.1199,
3.0186

Harmonies

Analogous

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



70.5870, 80.0696, -61.9048



47.5310, 72.2092, 32.8603



66.0480, 28.0773, 94.6739

Triad

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



47.5310, 72.2092, 32.8603



61.1430, -30.1435, 55.1256



65.5350, 15.0192, -57.4742

Complementary

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



47.5310, 72.2092, 32.8603



146.4690, -72.2092, -32.8603

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.



52.8300, -26.0452, -46.3319



47.5310, 72.2092, 32.8603



61.3670, -30.2539, -2.9529

Square

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



47.5310, 72.2092, 32.8603



51.1290, -25.2066, 105.1269



51.0690, -25.1770, -44.7875



75.6010, 48.5107, -66.3021

Rectangle

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



47.5310, 72.2092, 32.8603



65.5020, 2.7105, 110.9387



51.0690, -25.1770, -44.7875



61.7560, 3.0783, -54.1600

Sweetspot

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



47.5310, 72.2092, 32.8603



195.4170, 27.8954, 12.7893



86.6860, 52.9058, -76.0236



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.



47.5310, 72.2092, 32.8603



61.9170, 93.7109, 43.0458



76.2350, 58.0581, 91.8789



89.3360, 3.7784, 1.4593



39.2840, 60.0060, 26.9379



8.2470, 12.2032, 5.9224

Inverse Universe

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



70.4320, 19.0140, 108.3691



91.5360, 24.8788, 140.7269



117.7650, -58.0581, -91.8789



90.6740, 1.1467, 5.5479



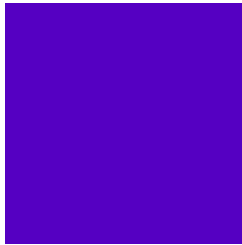
58.3990, 15.5793, 89.9811



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 47.5310, 72.2092, 32.8603 looks on a white background.

Color Contrast Check

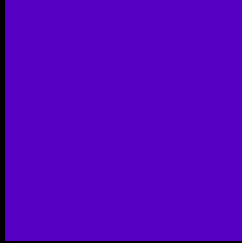
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.5310, 72.2092, 32.8603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

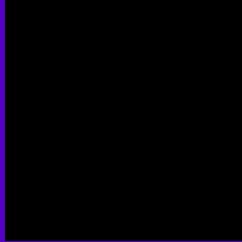
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5310, 72.2092, 32.8603

Background



This preview shows how black text looks on a background with the YUV color 47.5310, 72.2092, 32.8603.



This preview shows how white text looks on a background with the YUV color 47.5310, 72.2092,

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

56.2180, 42.7835, -49.3032

Tritanopia

66.5290, 7.6272, -19.7579

Trichromacy



Protanomaly

52.9780, 53.7478, -19.2747

Tritanomaly

59.8390, 31.1384, -0.7358

Monochromacy



Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.9500, 26.1536, 11.4448

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5310, 72.2092, 32.8603 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(85, 0, 194)` looks like.

```
.text, #text, p{  
    color:rgb(85, 0, 194)  
}
```

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(85, 0, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 0, 194) }
```

Border

The CSS property to change the border of an element to YUV 47.5310, 72.2092, 32.8603 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(85, 0, 194) }
```

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

```
.border{ border-color:rgb(85, 0, 194) }
```

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

Here you see how a box with a 4 pixel rgb(85, 0, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 0, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 0, 194);  
box-shadow:4px 4px 4px 4px rgb(85, 0, 194)  
}
```


Background

The CSS property to change the background color of an element to YUV 47.5310, 72.2092, 32.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 0, 194) }
```

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

```
.background{ background-color: rgb(85, 0,  
194) }
```

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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