

Converting Colors

YUV(47.7440, 69.1462, 35.3045)

Have a look what the booklet for
YUV(47.7440, 69.1462, 35.3045)
contains.

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Color

**YUV(47.7440, 69.1462,
35.3045)**

Conversions

Conversions Part 1

Format	Color
Hex	5800BC
RGB	88, 0, 188
RGB Percent	35%, 0%, 74%
CMY	0.6549, 1.0000, 0.2627
CMYK	0.53, 1.00, 0.00, 0.26
HSL	268°, 100%, 37%
HSV	268°, 100%, 74%
XYZ	13.1016, 5.7055, 47.9877
YIQ	47.7440, -7.9000, 77.1240

Conversions

Conversions Part 2

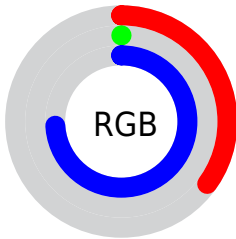
Format	Color
R_{YB}	88, 0, 188
Decimal	5767356
CIE _{Lab}	28.66, 65.80, -75.21
CIE _{LCh}	29, 99.927, 311.182
Yxy	5.7055, 0.1961, 0.0854
Android (android.graphics.Color)	4283957436 (0xFF5800BC)
YUV	47.7440, 69.1462, 35.3045
Hunter-Lab	23.8863, 56.1061, -102.3936

Details

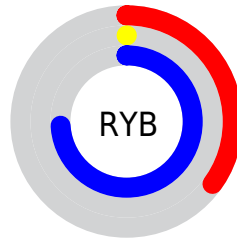
The YUV color $47.7440, 69.1462, 35.3045$ is a dark color, and the websafe version is hex $6600CC$. A complement of this color would be $140.2560, -69.1462, -35.3045$, and the grayscale version is $47.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $113.6850, 65.2313, 30.9713$, and $15.1620, 58.0941, -13.2971$ is the 20% darker color. If you saturate the color by 10%, you get $47.7440, 69.1462, 35.3045$, and if you desaturate by 10%, it is $61.8870, 62.1737, 31.6711$.

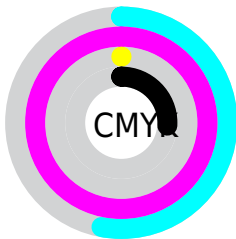
Distribution



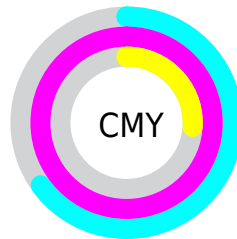
- Red (35%)
- Green (0%)
- Blue (74%)



- Red (35%)
- Yellow (0%)
- Blue (74%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (65%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.7440, 69.1462, 35.3045 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 47.7440, 69.1462, 35.3045 by changing the saturation by 10% instead.

47.7440, 69.1462,
35.3045

47.7440, 69.1462,
35.3045

255.0000, 0.0000,
0.0000

34.6850, 61.7803,
17.8163

113.6850, 65.2313,
30.9713

15.1620, 58.0941,
-13.2971

139.5300, 56.9267,
34.6152

12.1980, 46.7374,
-10.6976

164.3490, 44.6909,
39.1589

9.2340, 35.3806,
-8.0982

189.7550, 32.1658,
43.1879

9.4330, 23.4505,
-8.2727

210.9750, 21.7043,
38.6099


5.1640, 14.7091,
-4.5288


227.4110, 13.6014,


1.1400, 4.3680,


24.1956


-0.9998


 244.4340, 5.2090,
9.2664

 0.0000, 0.0000,
0.0000

 47.7440, 69.1462,
35.3045

 61.8870, 62.1737,
31.6711

 76.0300, 55.2012,
28.0377

 89.5860, 48.5181,
24.9191

 103.7290, 41.5456,
21.2857

 117.8720, 34.5731,
17.6523

■ 132.0150, 27.6006,
14.0188

■ 146.1580, 20.6281,
10.3854

■ 159.7140, 13.9450,
7.2668

■ 173.8570, 6.9725,
3.6334

Harmonies

Analogous

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



68.6150, 77.5908, -60.1754



47.7440, 69.1462, 35.3045



64.6950, 26.7724, 93.2295

Triad

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



47.7440, 69.1462, 35.3045



60.8330, -29.9907, 52.7665



64.9480, 15.3086, -56.9594

Complementary

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



47.7440, 69.1462, 35.3045



140.2560, -69.1462, -35.3045

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.



52.8130, -23.5718, -46.3170



47.7440, 69.1462, 35.3045



60.1820, -29.6697, -3.6676

Square

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



47.7440, 69.1462, 35.3045



49.9330, -24.6170, 102.6678



50.4820, -24.8876, -44.2727



74.6720, 47.4897, -65.4873

Rectangle

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



47.7440, 69.1462, 35.3045



63.7790, 2.5740, 108.0648



50.4820, -24.8876, -44.2727



61.2830, 3.8045, -53.7452

Sweetspot

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



47.7440, 69.1462, 35.3045



189.9010, 27.1638, 14.1188



80.1320, 53.1789, -70.2758



89.2950, 16.1236, 8.5113



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



47.7440, 69.1462, 35.3045



62.3150, 90.0637, 46.2047



75.8500, 55.2900, 93.0936



87.2220, 3.3416, 1.5593



40.1380, 58.1060, 29.6970



7.7200, 11.4770, 5.5076

Inverse Universe

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



67.6120, 15.9673, 105.5803



88.0750, 20.6690, 137.6232



112.1500, -55.2899, -93.0935



88.2610, 0.8573, 5.0331



56.8180, 13.4007, 88.7366



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 47.7440, 69.1462, 35.3045 looks on a white background.

Color Contrast Check

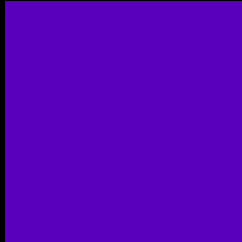
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.7440, 69.1462, 35.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

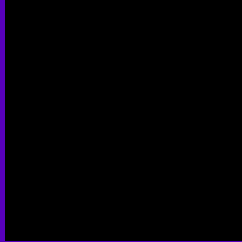
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.7440, 69.1462, 35.3045

Background



This preview shows how black text looks on a background with the YUV color 47.7440, 69.1462, 35.3045.



This preview shows how white text looks on a background with the YUV color 47.7440, 69.1462,

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

56.1040, 42.3467, -49.2032

Deuteranopia

56.0580, 32.0164, -49.1629

Tritanopia

67.7040, 5.5689, -12.8954

Trichromacy



Protanomaly

52.9350, 52.2900, -18.3600

Deuteranomaly

53.1000, 45.3067, -18.5047

Tritanomaly

60.3020, 28.9381, 4.9971

Monochromacy



Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.3200, 24.9852, 12.8744

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.7440, 69.1462, 35.3045 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(88, 0, 188)` looks like.

```
.text, #text, p{  
    color:rgb(88, 0, 188)  
}
```

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(88, 0, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 0, 188) }
```

Border

The CSS property to change the border of an element to YUV 47.7440, 69.1462, 35.3045 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(88, 0, 188) }
```

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

```
.border{ border-color:rgb(88, 0, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 0, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 0, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 0, 188);  
box-shadow:4px 4px 4px 4px rgb(88, 0, 188)  
}
```


Background

The CSS property to change the background color of an element to YUV 47.7440, 69.1462, 35.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 0, 188) }
```

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

```
.background{ background-color: rgb(88, 0,  
188) }
```

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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