

Converting Colors

YUV(48.1010, 74.3932, 32.3604)

Have a look what the booklet for
YUV(48.1010, 74.3932, 32.3604)
contains.

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Color

**YUV(48.1010, 74.3932,
32.3604)**

Conversions

Conversions Part 1

Format	Color
Hex	5500C7
RGB	85, 0, 199
RGB Percent	33%, 0%, 78%
CMY	0.6667, 1.0000, 0.2196
CMYK	0.57, 1.00, 0.00, 0.22
HSL	266°, 100%, 39%
HSV	266°, 100%, 78%
XYZ	14.0551, 6.0548, 54.4607
YIQ	48.1010, -13.2190, 79.9090

Conversions

Conversions Part 2

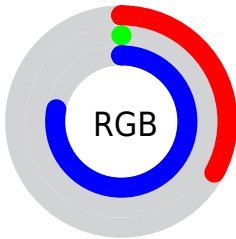
Format	Color
R_{YB}	85, 0, 199
Decimal	5570759
CIE Lab	29.55, 68.07, -80.22
CIE LCh	30, 105.209, 310.313
Yxy	6.0548, 0.1885, 0.0812
Android (android.graphics.Color)	4283760839 (0xFF5500C7)
YUV	48.1010, 74.3932, 32.3604
Hunter-Lab	24.6065, 58.8968, -113.9998

Details

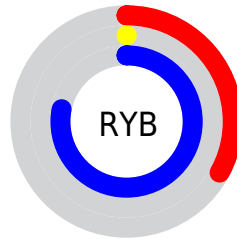
The YUV color **48.1010, 74.3932, 32.3604** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **150.8990, -74.3932, -32.3604**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.4120, 69.3099, 29.4567**, and **16.3020, 62.4621, -14.2969** is the 20% darker color. If you saturate the color by 10%, you get **48.1010, 74.3932, 32.3604**, and if you desaturate by 10%, it is **63.1300, 66.9839, 28.8270**.

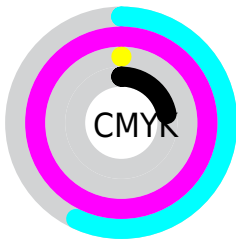
Distribution



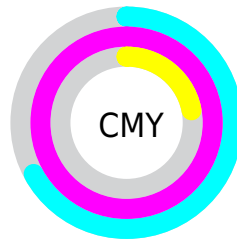
- Red (33%)
- Green (0%)
- Blue (78%)



- Red (33%)
- Yellow (0%)
- Blue (78%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.1010, 74.3932, 32.3604 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 48.1010, 74.3932, 32.3604 by changing the saturation by 10% instead.

■ 48.1010, 74.3932,
32.3604

■ 48.1010, 74.3932,
32.3604

■ 255.0000, 0.0000,
0.0000

■ 34.1450, 67.4695,
13.0278

■ 114.4120, 69.3099,
29.4567

■ 16.3020, 62.4621,
-14.2969

■ 139.8180, 56.7847,
33.4856

■ 13.3380, 51.1054,
-11.6974

■ 164.9360, 44.4016,
38.6441

■ 10.3740, 39.7486,
-9.0980

■ 190.3420, 31.8764,
42.6731

■ 11.6330, 26.8029,
-10.2021

■ 211.5620, 21.4149,
38.0951


■ 6.6630, 17.9141,
-5.8435


■ 227.9980, 13.3120,


■ 2.9810, 8.8834,


23.6808


-2.6143


 245.6080, 4.6303,
8.2368


 0.0000, 0.0000,
0.0000


 48.1010, 74.3932,
32.3604

 63.1300, 66.9839,
28.8270

 78.4580, 59.4272,
25.9083

 93.4870, 52.0179,
22.3749

 108.8150, 44.4612,
19.4562

 123.8440, 37.0519,
15.9228

■ 138.2860, 29.9320,
12.9042

■ 153.6140, 22.3753,
9.9855

■ 168.6430, 14.9660,
6.4521

■ 183.9710, 7.4093,
3.5334

Harmonies

Analogous

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



72.4450, 82.1116, -63.5343



48.1010, 74.3932, 32.3604



67.4010, 29.3823, 96.1183

Triad

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



48.1010, 74.3932, 32.3604



62.0400, -30.5857, 56.9699



66.2360, 15.1667, -58.0890

Complementary

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



48.1010, 74.3932, 32.3604



150.8990, -74.3932, -32.3604

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.



54.0040, -26.6240, -47.3615



48.1010, 74.3932, 32.3604



62.5520, -30.8381, -2.2381

Square

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



48.1010, 74.3932, 32.3604



52.3250, -25.7962, 107.5860



51.6560, -25.4664, -45.3023



77.1170, 49.2423, -67.6316

Rectangle

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



48.1010, 74.3932, 32.3604



66.9260, 2.9945, 113.1979



51.6560, -25.4664, -45.3023



63.0440, 2.9363, -55.2896

Sweetspot

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



48.1010, 74.3932, 32.3604



197.2320, 28.4796, 12.0745



90.7780, 53.3534, -79.6123



92.9250, 17.2920, 7.0818



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.



48.1010, 74.3932, 32.3604



61.6610, 95.3161, 41.5163



77.1040, 60.0947, 91.9938



92.2220, 3.3416, 1.5593



39.5120, 60.8796, 26.7380



8.5890, 13.5136, 5.6224

Inverse Universe

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



72.4970, 20.4610, 110.9431



92.8890, 26.1837, 142.1713



121.8960, -60.0947, -91.9938



93.2610, 0.8573, 5.0331



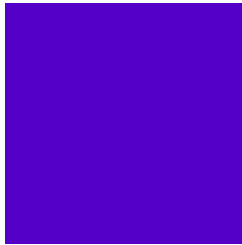
59.3390, 16.5949, 90.9107



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 48.1010, 74.3932, 32.3604 looks on a white background.

Color Contrast Check

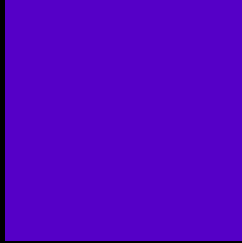
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1010, 74.3932, 32.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

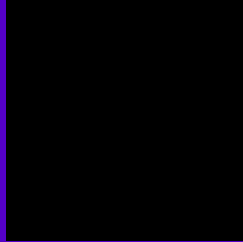
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1010, 74.3932, 32.3604

Background



This preview shows how black text looks on a background with the YUV color 48.1010, 74.3932, 32.3604.



This preview shows how white text looks on a background with the YUV color 48.1010, 74.3932,

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

57.1470, 43.8045, -50.1179

Deuteranopia

57.5740, 32.7480, -50.4924

Tritanopia

66.7350, 8.5116, -23.4466

Trichromacy



Protanomaly

53.9070, 54.7688, -20.0894

Deuteranomaly

54.0720, 47.7855, -20.2341

Tritanomaly

59.8710, 32.6016, -3.3949

Monochromacy



Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1780, 27.0272, 11.2449

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1010, 74.3932, 32.3604 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(85, 0, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 0, 199) }
```

Border

The CSS property to change the border of an element to YUV 48.1010, 74.3932, 32.3604 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, 199) }
```

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

```
.border{ border-color:rgb(85, 0, 199) }
```

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, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 0, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 0, 199);  
box-shadow:4px 4px 4px 4px rgb(85, 0, 199)  
}
```


Background

The CSS property to change the background color of an element to YUV 48.1010, 74.3932, 32.3604 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, 199) }
```

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

```
.background{ background-color: rgb(85, 0,  
199) }
```

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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