

Converting Colors

YUV(48.4190, 45.1494, 32.0815)

Have a look what the booklet for
YUV(48.4190, 45.1494, 32.0815)
contains.

YUV(48.4190, 45.1494, 32.0815)	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>	31

Color

**YUV(48.4190, 45.1494,
32.0815)**

Conversions

Conversions Part 1

Format	Color
Hex	550C8C
RGB	85, 12, 140
RGB Percent	33%, 5%, 55%
CMY	0.6667, 0.9529, 0.4510
CMYK	0.39, 0.91, 0.00, 0.45
HSL	274°, 84%, 30%
HSV	274°, 91%, 55%
XYZ	8.6114, 4.0877, 25.1461
YIQ	48.4190, 2.4200, 55.2840

Conversions

Conversions Part 2

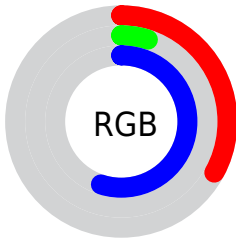
Format	Color
R_{YB}	85, 12, 140
Decimal	5573772
CIE _{Lab}	23.96, 52.33, -53.81
CIE _{LCh}	24, 75.061, 314.201
Yxy	4.0877, 0.2275, 0.1080
Android (android.graphics.Color)	4283763852 (0xFF550C8C)
YUV	48.4190, 45.1494, 32.0815
Hunter-Lab	20.2180, 40.6464, -59.5890

Details

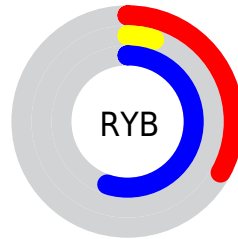
The YUV color **48.4190, 45.1494, 32.0815** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **103.5810, -45.1494, -32.0815**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.5930, 44.5707, 31.0519**, and **18.5180, 34.7476, 8.3157** is the 20% darker color. If you saturate the color by 10%, you get **39.8800, 49.3592, 35.1852**, and if you desaturate by 10%, it is **58.4310, 40.2135, 28.5630**.

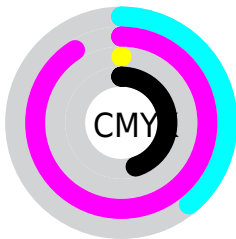
Distribution



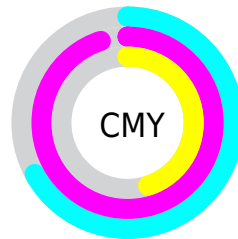
- Red (33%)
- Green (5%)
- Blue (55%)



- Red (33%)
- Yellow (5%)
- Blue (55%)



- Cyan (39%)
- Magenta (91%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (95%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.4190, 45.1494, 32.0815 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 48.4190, 45.1494, 32.0815 by changing the saturation by 10% instead.

48.4190, 45.1494,
32.0815

48.4190, 45.1494,
32.0815

255.0000, 0.0000,
0.0000

30.0390, 41.3928,
23.6448

104.5930, 44.5707,
31.0519

18.5180, 34.7476,
8.3157

131.7180, 45.0020,
32.6963

7.2960, 27.9551,
-6.3986

159.2450, 45.7282,
33.1111

6.4350, 17.0405,
-5.6435

184.4060, 34.8028,
37.3549

2.7530, 8.0098,
-2.4144

208.6270, 22.8619,
40.6691

0.0000, 0.0000,
0.0000


225.0630, 14.7589,


26.2547


 242.0860, 6.3666,
11.3256


 48.4190, 45.1494,
32.0815


 48.4190, 45.1494,
32.0815


 39.8800, 49.3592,
35.1852

 58.4310, 40.2135,
28.5630

 68.4430, 35.2776,
25.0445

 78.4550, 30.3417,
21.5260

 88.4670, 25.4058,
18.0074

 98.4790, 20.4699,
14.4889

■ 108.4910, 15.5339,
10.9704

■ 118.5030, 10.5980,
7.4519

■ 128.5150, 5.6621,
3.9333

■ 138.5270, 0.7262,
0.4148

Harmonies

Analogous

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



53.4260, 57.4710, -46.8546



48.4190, 45.1494, 32.0815



51.1090, 18.6803, 75.3264

Triad

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



48.4190, 45.1494, 32.0815



53.6460, -26.4475, 36.2675



54.1880, 14.6973, -47.5229

Complementary

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



48.4190, 45.1494, 32.0815



103.5810, -45.1494, -32.0815

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.



46.6470, -11.6580, -40.9094



48.4190, 45.1494, 32.0815



50.7350, -25.0124, -4.1526

Square

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



48.4190, 45.1494, 32.0815



38.8700, -19.1629, 79.9210



42.2640, -20.8362, -37.0655



60.8170, 37.5582, -53.3365

Rectangle

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



48.4190, 45.1494, 32.0815



49.8810, 1.0447, 85.1734



42.2640, -20.8362, -37.0655



51.9080, 5.9614, -45.5233

Sweetspot

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



48.4190, 45.1494, 32.0815



145.9580, 17.2757, 12.3148



58.8770, 39.9936, -41.1111



70.5030, 10.5980, 7.4519



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



48.4190, 45.1494, 32.0815



51.4310, 63.8775, 45.2260



63.8380, 33.1109, 66.7941



63.9940, 2.4680, 1.7593



37.8860, 46.8912, 33.4260



1.4670, 1.7418, 1.3444

Inverse Universe

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



56.5420, 5.1558, 73.1927



63.0110, 7.3896, 103.4764



88.1620, -33.1109, -66.7941



64.4350, 0.2785, 4.0035



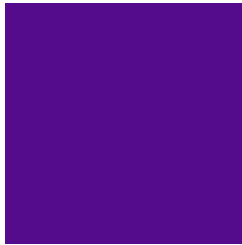
46.2650, 5.2924, 76.0666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 48.4190, 45.1494, 32.0815 looks on a white background.

Color Contrast Check

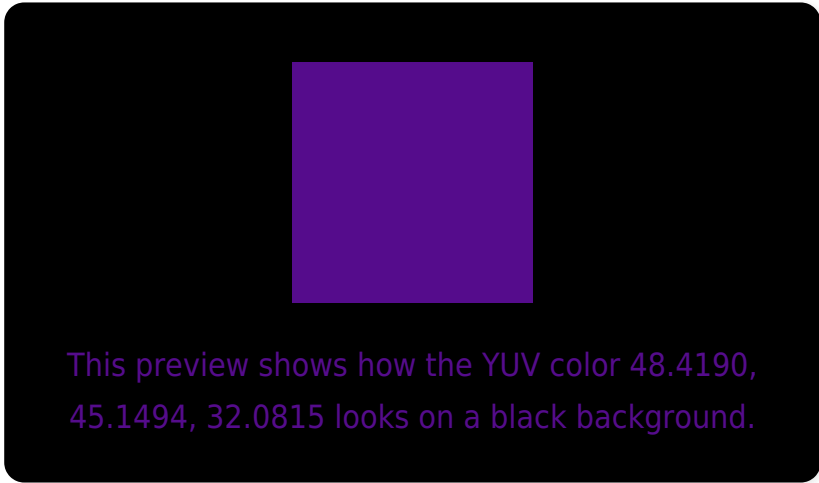
Large Text (above 18pt) WCAG AA ✓ Pass

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

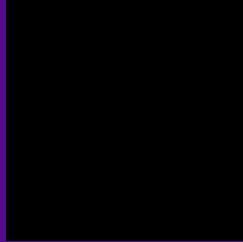
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.4190, 45.1494, 32.0815

Background



This preview shows how black text looks on a background with the YUV color 48.4190, 45.1494, 32.0815.



This preview shows how white text looks on a background with the YUV color 48.4190, 45.1494,

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



Original Color

48.4190, 45.1494, 32.0815

Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

47.5490, 27.3373, -41.7005



Tritanopia

59.4570, 0.2677, 7.4922

Trichromacy



Original Color

48.4190, 45.1494, 32.0815

Protanomaly

47.8140, 39.0387, -14.7459

Deuteranomaly

47.7340, 33.6551, -14.6757

Tritanomaly

55.1650, 16.6807, 16.5183

Monochromacy



Original Color

48.4190, 45.1494, 32.0815

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.0180, 16.2601, 11.3852

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.4190, 45.1494, 32.0815 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, 12, 140)` looks like.

```
.text, #text, p{  
    color:rgb(85, 12, 140)  
}
```

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, 12, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 12, 140) }
```

Border

The CSS property to change the border of an element to YUV 48.4190, 45.1494, 32.0815 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, 12, 140) }
```


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

```
.border{ border-color:rgb(85, 12, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 12, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 12, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 12, 140);  
box-shadow:4px 4px 4px 4px rgb(85, 12,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 48.4190, 45.1494, 32.0815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 12, 140) }
```

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

```
.background{ background-color: rgb(85, 12,  
140) }
```

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