

Converting Colors

YUV(73.9440, 48.8346, 16.7121)

Have a look what the booklet for
YUV(73.9440, 48.8346, 16.7121)
contains.

YUV(73.9440, 48.8346, 16.7121)	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(73.9440, 48.8346,
16.7121)**

Conversions

Conversions Part 1

Format	Color
Hex	5D2DAD
RGB	93, 45, 173
RGB Percent	36%, 18%, 68%
CMY	0.6353, 0.8235, 0.3216
CMYK	0.46, 0.74, 0.00, 0.32
HSL	262°, 59%, 43%
HSV	262°, 74%, 68%
XYZ	12.9954, 7.2211, 40.2440
YIQ	73.9440, -12.4800, 49.9840

Conversions

Conversions Part 2

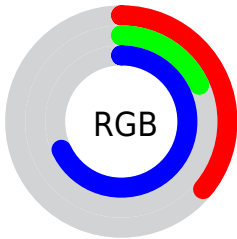
Format	Color
RYB	93, 45, 173
Decimal	6106541
CIELab	32.30, 49.37, -60.25
CIELCh	32, 77.893, 309.336
Yxy	7.2211, 0.2149, 0.1194
Android (android.graphics.Color)	4284296621 (0xFF5D2DAD)
YUV	73.9440, 48.8346, 16.7121
Hunter-Lab	26.8720, 39.2972, -69.9834

Details

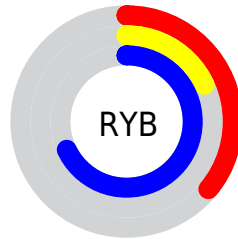
The YUV color **73.9440, 48.8346, 16.7121** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **144.0560, -48.8346, -16.7121**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7210, 50.4235, 20.4157**, and **22.8350, 47.4093, 7.1607** is the 20% darker color. If you saturate the color by 10%, you get **60.6760, 55.3757, 18.7011**, and if you desaturate by 10%, it is **87.2120, 42.2935, 14.7231**.

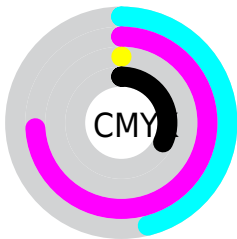
Distribution



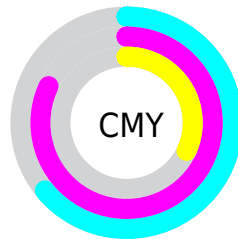
- Red (36%)
- Green (18%)
- Blue (68%)



- Red (36%)
- Yellow (18%)
- Blue (68%)



- Cyan (46%)
- Magenta (74%)
- Yellow (0%)
- Black (32%)



- Cyan (64%)
- Magenta (82%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.9440, 48.8346, 16.7121 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 73.9440, 48.8346, 16.7121 by changing the saturation by 10% instead.

73.9440, 48.8346,
16.7121

73.9440, 48.8346,
16.7121

255.0000, 0.0000,
0.0000

46.3460, 49.1294,
15.4826

126.7210, 50.4235,
20.4157

22.8350, 47.4093,
7.1607

153.6180, 49.9813,
22.2600

10.7160, 41.0590,
-9.3979

178.1380, 37.8930,
26.1890

7.8660, 30.1391,
-6.8985

202.6580, 25.8046,
30.1179

7.5920, 18.9351,
-6.6582

224.4760, 15.0483,
26.7695

3.3230, 10.1938,
-2.9143

241.4990, 6.6560,

0.0000, 0.0000,

11.8404

0.0000

■ 73.9440, 48.8346,
16.7121

■ 73.9440, 48.8346,
16.7121

■ 60.6760, 55.3757,
18.7011

■ 87.2120, 42.2935,
14.7231

■ 46.8210, 62.2062,
21.2050

■ 101.0670, 35.4630,
12.2192

■ 39.1570, 65.9846,
22.6643

■ 114.0360, 29.0693,
9.6154

■ 127.3040, 22.5281,
7.6264

■ 141.1590, 15.6976,
5.1226

■ 154.4270, 9.1565,
3.1335

■ 167.6950, 2.6154,
1.1445

■ 180.9630, -3.9258,
-0.8446

■ 194.5190,
-10.6089, -3.9632

Harmonies

Analogous

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



69.7600, 64.2083, -61.1795



73.9440, 48.8346, 16.7121



61.0360, 29.5623, 85.0374

Triad

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



73.9440, 48.8346, 16.7121



70.8450, -34.9266, 49.2479



68.9430, 12.8461, -60.4630

Complementary

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



73.9440, 48.8346, 16.7121



144.0560, -48.8346, -16.7121

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.



59.5440, -15.5512, -52.2201



73.9440, 48.8346, 16.7121



69.9830, -34.5016, 6.1539

Square

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



73.9440, 48.8346, 16.7121



48.4380, -23.8799, 99.5939



54.0040, -26.6240, -47.3615



75.6690, 38.6172, -66.3617

Rectangle

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



73.9440, 48.8346, 16.7121



61.1460, 9.2950, 98.9730



54.0040, -26.6240, -47.3615



65.8480, 3.5259, -57.7487

Sweetspot

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



73.9440, 48.8346, 16.7121



186.2670, 18.6024, 6.7818



107.1390, 32.4695, -54.4959



89.5950, 11.0457, 3.8632



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



73.9440, 48.8346, 16.7121



70.1110, 75.8673, 26.2127



92.7810, 39.5480, 55.4431



79.9230, 3.4890, 0.9445



33.8440, 57.2649, 19.4308



5.3130, 8.7197, 3.2335

Inverse Universe

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



92.3920, 16.0757, 70.6932



98.7510, 25.2658, 109.8434



125.2190, -39.5480, -55.4431



81.2610, 0.8573, 5.0331



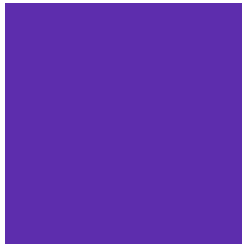
55.5660, 18.9480, 82.8186



8.4730, 2.7248, 12.7402

Previews

White Background



This preview shows how the YUV color 73.9440, 48.8346, 16.7121 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 73.9440, 48.8346, 16.7121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

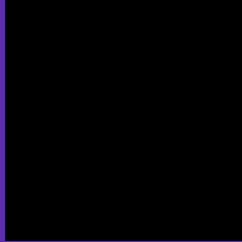
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.9440, 48.8346, 16.7121

Background



This preview shows how black text looks on a background with the YUV color 73.9440, 48.8346, 16.7121.



This preview shows how white text looks on a background with the YUV color 73.9440, 48.8346,

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

73.9440, 48.8346, 16.7121

Protanopia

61.1080, 46.2888, -53.5917

Deuteranopia

61.0620, 35.9584, -53.5514



Tritanopia

75.5910, 3.6526, -4.9033

Trichromacy



Original Color

73.9440, 48.8346, 16.7121

Protanomaly

65.6150, 47.5178, -27.7264

Deuteranomaly

65.7800, 40.5345, -27.8711

Tritanomaly

74.7010, 20.3604, 2.8932

Monochromacy



Original Color

73.9440, 48.8346, 16.7121

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.7400, 17.8762, 6.3670

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.9440, 48.8346, 16.7121 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(93, 45, 173)` looks like.

```
.text, #text, p{  
    color:rgb(93, 45, 173)  
}
```

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(93, 45, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 45, 173) }
```

Border

The CSS property to change the border of an element to YUV 73.9440, 48.8346, 16.7121 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(93, 45, 173) }
```


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

```
.border{ border-color:rgb(93, 45, 173) }
```

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

Here you see how a box with a 4 pixel rgb(93, 45, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 45, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 45, 173);  
box-shadow:4px 4px 4px 4px rgb(93, 45,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 73.9440, 48.8346, 16.7121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 45, 173) }
```

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

```
.background{ background-color: rgb(93, 45,  
173) }
```

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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