

Converting Colors

YUV(75.9440, 45.3836, 3.5571)

Have a look what the booklet for
YUV(75.9440, 45.3836, 3.5571)
contains.

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Color

**YUV(75.9440, 45.3836,
3.5571)**

Conversions

Conversions Part 1

Format	Color
Hex	5038A8
RGB	80, 56, 168
RGB Percent	31%, 22%, 66%
CMY	0.6863, 0.7804, 0.3412
CMYK	0.52, 0.67, 0.00, 0.34
HSL	253°, 50%, 44%
HSV	253°, 67%, 66%
XYZ	11.7903, 7.3610, 37.8452
YIQ	75.9440, -21.6480, 39.9200

Conversions

Conversions Part 2

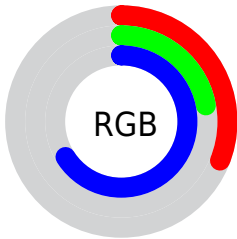
Format	Color
R_{YB}	80, 56, 168
Decimal	5257384
CIE _{Lab}	32.61, 39.82, -56.80
CIE _{LCh}	33, 69.366, 305.029
Yxy	7.3610, 0.2069, 0.1291
Android (android.graphics.Color)	4283447464 (0xFF5038A8)
YUV	75.9440, 45.3836, 3.5571
Hunter-Lab	27.1311, 30.0910, -63.7118

Details

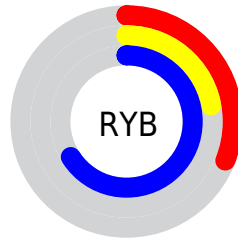
The YUV color **75.9440, 45.3836, 3.5571** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **148.0560, -45.3836, -3.5571**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.1340, 47.2619, 7.7755**, and **21.6710, 46.0112, -11.1125** is the 20% darker color. If you saturate the color by 10%, you get **62.0780, 52.2195, 4.3166**, and if you desaturate by 10%, it is **89.8100, 38.5477, 2.7976**.

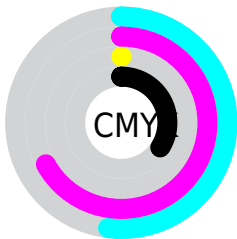
Distribution



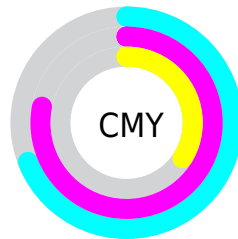
- Red (31%)
- Green (22%)
- Blue (66%)



- Red (31%)
- Yellow (22%)
- Blue (66%)



- Cyan (52%)
- Magenta (67%)
- Yellow (0%)
- Black (34%)



- Cyan (69%)
- Magenta (78%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.9440, 45.3836, 3.5571 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 75.9440, 45.3836, 3.5571 by changing the saturation by 10% instead.

■ 75.9440, 45.3836,
3.5571

■ 75.9440, 45.3836,
3.5571

■ 255.0000, 0.0000,
0.0000

■ 50.3950, 44.6683,
-0.3464

■ 128.1340, 47.2619,
7.7755

■ 21.6710, 46.0112,
-11.1125

■ 154.4870, 48.5669,
9.2199

■ 10.2600, 39.3118,
-8.9980

■ 179.2350, 37.3521,
12.9489

■ 7.9970, 28.1025,
-7.0134

■ 203.7550, 25.2638,
16.8779

■ 6.5490, 17.4773,
-5.7435

■ 229.1610, 12.7386,
20.9068

■ 2.8670, 8.4466,
-2.5144

■ 246.1950, 4.3409,

■ 0.0000, 0.0000,

7.7220

0.0000

■ 75.9440, 45.3836,
3.5571

■ 75.9440, 45.3836,
3.5571

■ 62.0780, 52.2195,
4.3166

■ 89.8100, 38.5477,
2.7976

■ 48.2120, 59.0555,
5.0761

■ 103.6760, 31.7117,
2.0381

■ 34.6340, 65.7494,
4.7060

■ 117.2540, 25.0178,
2.4082

■ 29.9160, 68.0754,
5.3357

■ 131.1200, 18.1818,
1.6488

■ 144.9860, 11.3459,
0.8893

■ 158.8520, 4.5100,
0.1298

■ 172.7180, -2.3260,
-0.6297

■ 186.2960, -9.0199,
-0.2596

■ 200.1620,
-15.8559, -1.0191

Harmonies

Analogous

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



69.5660, 58.3880, -61.0094



75.9440, 45.3836, 3.5571



57.7900, 32.6415, 77.3602

Triad

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



75.9440, 45.3836, 3.5571



71.1550, -35.0794, 51.6071



67.2160, 8.7675, -58.9484

Complementary

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



75.9440, 45.3836, 3.5571



148.0560, -45.3836, -3.5571

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.



59.2020, -16.8616, -51.9202



75.9440, 45.3836, 3.5571



71.7990, -35.3969, 13.3313

Square

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



75.9440, 45.3836, 3.5571



49.3650, -16.4489, 96.1499



59.1090, -29.1407, -33.4216



73.3720, 32.3546, -64.3472

Rectangle

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



75.9440, 45.3836, 3.5571



59.0680, 14.2635, 92.0254



59.1090, -29.1407, -33.4216



64.4630, 0.7577, -56.5341

Sweetspot

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



75.9440, 45.3836, 3.5571



183.0060, 17.7450, 1.7487



121.5980, 22.8762, -57.5294



87.8720, 10.9091, 0.9893



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



75.9440, 45.3836, 3.5571



75.0130, 70.9856, 5.2506



92.0900, 37.4236, 36.7551



77.5100, 3.1996, 0.4297



26.4400, 59.9291, 4.8761



3.4760, 8.1463, 0.4595

Inverse Universe

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



99.5200, 21.9286, 60.0570



112.0570, 34.4819, 93.7890



131.9100, -37.4236, -36.7551



79.0760, 1.4415, 4.3183



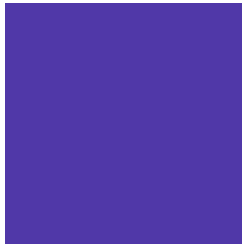
57.4760, 28.8523, 79.3895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 75.9440, 45.3836, 3.5571 looks on a white background.

Color Contrast Check

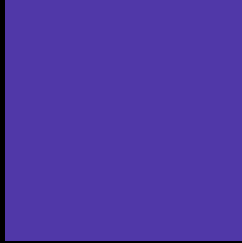
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.9440, 45.3836, 3.5571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

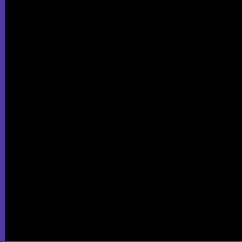
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.9440, 45.3836, 3.5571

Background



This preview shows how black text looks on a background with the YUV color 75.9440, 45.3836, 3.5571.



This preview shows how white text looks on a background with the YUV color 75.9440, 45.3836,

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

75.9440, 45.3836, 3.5571

Protanopia

61.3360, 47.1624, -53.7917

Deuteranopia

61.7630, 36.1058, -54.1662



Tritanopia

73.7250, 7.0376, -17.2988

Trichromacy



Original Color

75.9440, 45.3836, 3.5571

Protanomaly

66.3540, 46.6605, -32.7595

Deuteranomaly

67.1060, 39.3877, -33.4190

Tritanomaly

74.4390, 20.9826, -10.0320

Monochromacy



Original Color

75.9440, 45.3836, 3.5571

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9520, 16.2927, 0.9191

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.9440, 45.3836, 3.5571 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(80, 56, 168)` looks like.

```
.text, #text, p{  
    color:rgb(80, 56, 168)  
}
```

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(80, 56, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 56, 168) }
```

Border

The CSS property to change the border of an element to YUV 75.9440, 45.3836, 3.5571 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(80, 56, 168) }
```


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

```
.border{ border-color:rgb(80, 56, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 56, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 56, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 56, 168);  
box-shadow:4px 4px 4px 4px rgb(80, 56,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 75.9440, 45.3836, 3.5571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 56, 168) }
```

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

```
.background{ background-color: rgb(80, 56,  
168) }
```

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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