

Converting Colors

YUV(45.8390, 68.1134, -6.8748)

Have a look what the booklet for
YUV(45.8390, 68.1134, -6.8748)
contains.

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Color

**YUV(45.8390, 68.1134,
-6.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	2617B8
RGB	38, 23, 184
RGB Percent	15%, 9%, 72%
CMY	0.8510, 0.9098, 0.2784
CMYK	0.79, 0.88, 0.00, 0.28
HSL	246°, 78%, 41%
HSV	246°, 88%, 72%
XYZ	9.7575, 4.4856, 45.6989
YIQ	45.8390, -42.7410, 53.2510

Conversions

Conversions Part 2

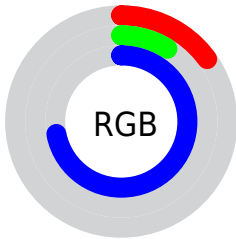
Format	Color
RYB	38, 23, 184
Decimal	2496440
CIELab	25.22, 56.46, -78.68
CIElCh	25, 96.845, 305.665
Yxy	4.4856, 0.1628, 0.0748
Android (android.graphics.Color)	4280686520 (0xFF2617B8)
YUV	45.8390, 68.1134, -6.8748
Hunter-Lab	21.1791, 45.1734, -113.1067

Details

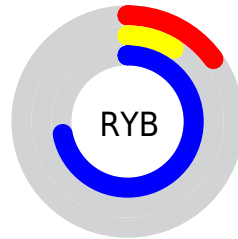
The YUV color **45.8390, 68.1134, -6.8748** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **161.1610, -68.1134, 6.8748**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1010, 67.4912, 6.0504**, and **14.7060, 56.3469, -12.8972** is the 20% darker color. If you saturate the color by 10%, you get **30.1900, 75.8283, -8.0596**, and if you desaturate by 10%, it is **61.4880, 60.3984, -5.6900**.

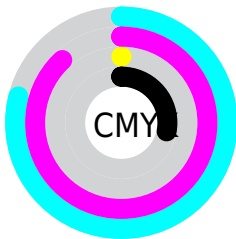
Distribution



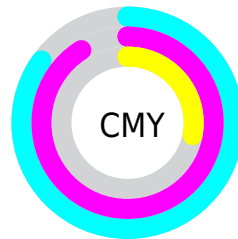
- Red (15%)
- Green (9%)
- Blue (72%)



- Red (15%)
- Yellow (9%)
- Blue (72%)



- Cyan (79%)
- Magenta (88%)
- Yellow (0%)
- Black (28%)



- Cyan (85%)
- Magenta (91%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.8390, 68.1134, -6.8748 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 45.8390, 68.1134, -6.8748 by changing the saturation by 10% instead.

■ 45.8390, 68.1134,
-6.8748

■ 45.8390, 68.1134,
-6.8748

■ 255.0000, 0.0000,
0.0000

■ 17.7840, 68.1405,
-15.5966

■ 104.1010, 67.4912,
6.0504

■ 14.7060, 56.3469,
-12.8972

■ 130.2280, 61.5126,
10.3240

■ 11.7420, 44.9902,
-10.2977

■ 154.7590, 49.4188,
15.9974

■ 14.7620, 31.1763,
-12.9463

■ 179.8770, 37.0356,
21.1559

■ 9.0910, 22.1401,
-7.9728

■ 204.6960, 24.7999,
25.6996


■ 4.8220, 13.3988,
-4.2289

■ 227.4110, 13.6014,


■ 0.4560, 1.7472,


24.1956


-0.3999


 244.4340, 5.2090,
9.2664


 0.0000, 0.0000,
0.0000


 45.8390, 68.1134,
-6.8748


 45.8390, 68.1134,
-6.8748


 30.1900, 75.8283,
-8.0596


 61.4880, 60.3984,
-5.6900

 26.0590, 77.8649,
-7.9447

 77.4250, 52.5415,
-5.6347

 93.0740, 44.8265,
-4.4499

 109.3100, 36.8222,
-3.7799

 124.6600, 29.2546,
-3.2098

■ 140.3090, 21.5397,
-2.0250

■ 156.5450, 13.5353,
-1.3550

■ 171.8950, 5.9678,
-0.7849

■ 188.1310, -2.0366,
-0.1149

Harmonies

Analogous

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



65.9590, 72.4912, -57.8460



45.8390, 68.1134, -6.8748



58.4590, 31.3257, 79.4045

Triad

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



45.8390, 68.1134, -6.8748



48.4950, -23.9080, 61.8329



56.4560, 8.1562, -49.5119

Complementary

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



45.8390, 68.1134, -6.8748



161.1610, -68.1134, 6.8748

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.



46.9600, -23.1513, -41.1839



45.8390, 68.1134, -6.8748



55.5190, -27.3709, 5.6838

Square

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



45.8390, 68.1134, -6.8748



47.5410, -23.4377, 97.7495



44.0250, -21.7043, -38.6099



66.0660, 39.9005, -57.9399

Rectangle

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



45.8390, 68.1134, -6.8748



59.5650, 7.1165, 97.7285



44.0250, -21.7043, -38.6099



52.9050, -2.9112, -46.3977

Sweetspot

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



45.8390, 68.1134, -6.8748



185.9760, 26.6338, -2.6100



128.2300, 27.4946, -92.2867



88.1150, 15.7193, -1.8549



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



45.8390, 68.1134, -6.8748



33.9380, 101.5886, -10.4696



69.4600, 56.4682, 41.6926



84.0260, 3.9312, -0.8998



21.9700, 66.0768, -6.9897



4.0890, 11.7881, -0.9551

Inverse Universe

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



87.7830, 40.0400, 84.3823



96.4980, 59.4075, 125.8513



137.5400, -56.4682, -41.6926



86.6030, 2.1677, 4.7332



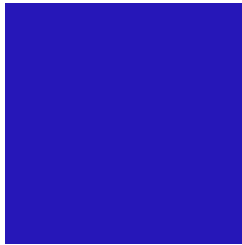
62.7180, 38.5930, 81.8083



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 45.8390, 68.1134, -6.8748 looks on a white background.

Color Contrast Check

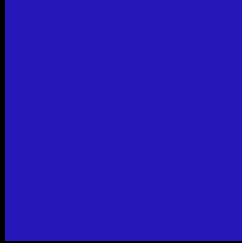
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.8390, 68.1134, -6.8748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

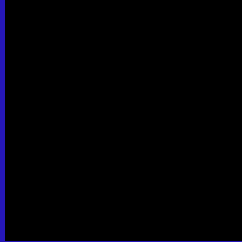
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.8390, 68.1134, -6.8748

Background



This preview shows how black text looks on a background with the YUV color 45.8390, 68.1134, -6.8748.



This preview shows how white text looks on a background with the YUV color 45.8390, 68.1134,

-6.8748.

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

45.8390, 68.1134, -6.8748

Protanopia

47.9540, 36.5047, -42.0557

Tritanopia

47.4230, 11.6235, -41.5900

Trichromacy



Original Color

45.8390, 68.1134, -6.8748

Protanomaly

47.1310, 48.2494, -29.0559

Tritanomaly

46.8910, 32.0987, -28.8454

Monochromacy



Original Color

45.8390, 68.1134, -6.8748

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.1070, 24.5972, -2.7248

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.8390, 68.1134, -6.8748 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(38, 23, 184)` looks like.

```
.text, #text, p{  
    color:rgb(38, 23, 184)  
}
```

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(38, 23, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 23, 184) }
```

Border

The CSS property to change the border of an element to YUV 45.8390, 68.1134, -6.8748 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(38, 23, 184) }
```

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

```
.border{ border-color:rgb(38, 23, 184) }
```

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

Here you see how a box with a 4 pixel rgb(38, 23, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 23, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 23, 184);  
box-shadow:4px 4px 4px 4px rgb(38, 23,  
184) }
```


Background

The CSS property to change the background color of an element to YUV 45.8390, 68.1134, -6.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 23, 184) }
```

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

```
.background{ background-color: rgb(38, 23,  
184) }
```

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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