

Converting Colors

YUV(48.5860, 45.0671, 11.7641)

Have a look what the booklet for
YUV(48.5860, 45.0671, 11.7641)
contains.

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Color

**YUV(48.5860, 45.0671,
11.7641)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 3E188C |
| RGB | 62, 24, 140 |
| RGB Percent | 24%, 9%, 55% |
| CMY | 0.7569, 0.9059, 0.4510 |
| CMYK | 0.56, 0.83, 0.00, 0.45 |
| HSL | 260°, 71%, 32% |
| HSV | 260°, 83%, 55% |
| XYZ | 7.0469, 3.5709, 25.1288 |
| YIQ | 48.5860, -14.5880, 44.1320 |

Conversions

Conversions Part 2

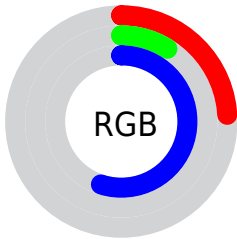
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 62, 24, 140 |
| Decimal | 4069516 |
| CIE Lab | 22.20, 45.40, -56.82 |
| CIE LCh | 22, 72.729, 308.626 |
| Yxy | 3.5709, 0.1971, 0.0999 |
| Android (android.graphics.Color) | 4282259596 (0xFF3E188C) |
| YUV | 48.5860, 45.0671, 11.7641 |
| Hunter-Lab | 18.8967, 33.4961, -65.6160 |

Details

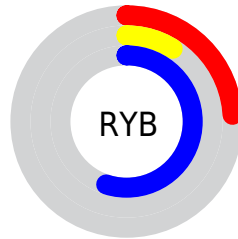
The YUV color **48.5860, 45.0671, 11.7641** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **115.4140, -45.0671, -11.7641**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6620, 46.5086, 16.0824**, and **10.1460, 38.8750, -8.8980** is the 20% darker color. If you saturate the color by 10%, you get **37.6770, 50.4452, 13.4383**, and if you desaturate by 10%, it is **59.4950, 39.6890, 10.0899**.

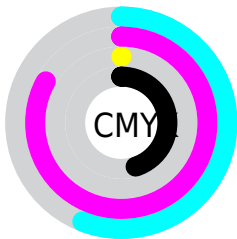
Distribution



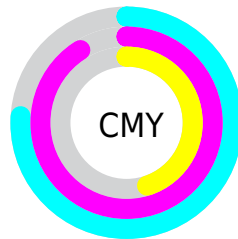
- Red (24%)
- Green (9%)
- Blue (55%)



- Red (24%)
- Yellow (9%)
- Blue (55%)



- Cyan (56%)
- Magenta (83%)
- Yellow (0%)
- Black (45%)



- Cyan (76%)
- Magenta (91%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.5860, 45.0671, 11.7641 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 48.5860, 45.0671, 11.7641 by changing the saturation by 10% instead.

■ 48.5860, 45.0671,
11.7641

■ 48.5860, 45.0671,
11.7641

■ 255.0000, 0.0000,
0.0000

■ 21.9660, 45.3728,
7.0458

■ 100.6620, 46.5086,
16.0824

■ 10.1460, 38.8750,
-8.8980

■ 126.9010, 47.3768,
17.6268

■ 7.2960, 27.9551,
-6.3986

■ 153.8410, 48.3924,
18.5564

■ 6.4350, 17.0405,
-5.6435

■ 178.7030, 37.6144,
22.1855

■ 2.7530, 8.0098,
-2.4144

■ 203.5220, 25.3787,
26.7292

■ 0.0000, 0.0000,
0.0000

■ 226.2370, 14.1802,

25.2252

242.6730, 6.0772,
10.8108

48.5860, 45.0671,
11.7641

48.5860, 45.0671,
11.7641

37.6770, 50.4452,
13.4383

59.4950, 39.6890,
10.0899

29.7140, 54.3710,
14.2828

70.7030, 34.1634,
9.0305

81.6120, 28.7853,
7.3563

92.8200, 23.2597,
6.2969

103.7290, 17.8816,
4.6227

■ 114.6380, 12.5035,
2.9485

■ 125.8460, 6.9779,
1.8891

■ 136.7550, 1.5998,
0.2149

■ 147.9630, -3.9258,
-0.8446

Harmonies

Analogous

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



52.7420, 54.8502, -46.2547



48.5860, 45.0671, 11.7641



47.7920, 22.7805, 66.8344

Triad

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



48.5860, 45.0671, 11.7641



48.0750, -23.7010, 42.0302



50.0160, 8.8661, -43.8640

Complementary

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



48.5860, 45.0671, 11.7641



115.4140, -45.0671, -11.7641

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.



41.7740, -17.6366, -36.6358



48.5860, 45.0671, 11.7641



48.4200, -23.8711, 3.1397

Square

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



48.5860, 45.0671, 11.7641



37.9730, -18.7207, 78.0767



38.7420, -19.0998, -33.9767



56.0580, 32.0164, -49.1629

Rectangle

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



48.5860, 45.0671, 11.7641



47.8740, 4.9921, 79.0405



38.7420, -19.0998, -33.9767



47.2630, 0.8563, -41.4497

Sweetspot

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



48.5860, 45.0671, 11.7641



145.6150, 17.4448, 4.7226



83.5970, 27.8067, -52.2666



69.8830, 10.9037, 2.7336



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.



48.5860, 45.0671, 11.7641



40.0470, 69.4898, 18.3758



65.6290, 36.6649, 46.8064



63.3960, 2.7628, 0.5297



28.0190, 51.7556, 13.1383



1.1680, 1.8892, 0.7297

Inverse Universe

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



67.5760, 16.9710, 63.5158



69.2010, 26.0299, 98.0477



98.3710, -36.6649, -46.8064



64.6630, 1.1521, 3.8035



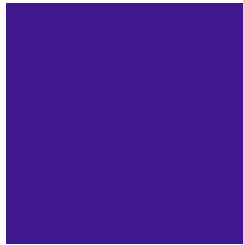
49.9130, 19.2699, 72.8673



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 48.5860, 45.0671, 11.7641 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

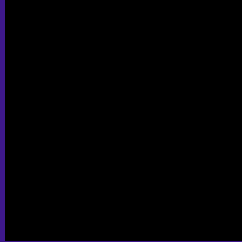
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.5860, 45.0671, 11.7641

Background



This preview shows how black text looks on a background with the YUV color 48.5860, 45.0671, 11.7641.



This preview shows how white text looks on a background with the YUV color 48.5860, 45.0671,

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

48.5860, 45.0671, 11.7641

Protanopia

43.0640, 32.9994, -37.7671

Deuteranopia

43.5880, 24.8531, -38.2267



Tritanopia

51.2800, 5.2850, -15.1546

Trichromacy



Original Color

48.5860, 45.0671, 11.7641

Protanomaly

45.3250, 37.3078, -19.5790

Deuteranomaly

45.3590, 32.3610, -19.6088

Tritanomaly

50.4180, 19.5139, -5.6286

Monochromacy



Original Color

48.5860, 45.0671, 11.7641

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9740, 16.2818, 4.4078

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.5860, 45.0671, 11.7641 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(62, 24, 140)` looks like.

```
.text, #text, p{  
    color:rgb(62, 24, 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(62, 24, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 24, 140) }
```

Border

The CSS property to change the border of an element to YUV 48.5860, 45.0671, 11.7641 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(62, 24, 140) }
```


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

```
.border{ border-color:rgb(62, 24, 140) }
```

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

Here you see how a box with a 4 pixel rgb(62, 24, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 24, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 24, 140);  
box-shadow:4px 4px 4px 4px rgb(62, 24,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 48.5860, 45.0671, 11.7641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 24, 140) }
```

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

```
.background{ background-color: rgb(62, 24,  
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](#).

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