

Converting Colors

YUV(45.7810, 6.0240, 74.7371)

Have a look what the booklet for
YUV(45.7810, 6.0240, 74.7371)
contains.

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Color

**YUV(45.7810, 6.0240,
74.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	83003A
RGB	131, 0, 58
RGB Percent	51%, 0%, 23%
CMY	0.4863, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.56, 0.49
HSL	333°, 100%, 26%
HSV	333°, 100%, 51%
XYZ	10.1238, 5.1308, 4.4597
YIQ	45.7810, 59.4580, 45.8100

Conversions

Conversions Part 2

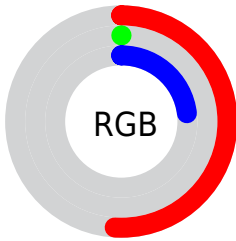
Format	Color
R_{YB}	131, 0, 58
Decimal	8585274
CIE _{Lab}	27.10, 51.22, 5.38
CIE _{LCh}	27, 51.500, 5.992
Yxy	5.1308, 0.5135, 0.2603
Android (android.graphics.Color)	4286775354 (0xFF83003A)
YUV	45.7810, 6.0240, 74.7371
Hunter-Lab	22.6512, 40.1395, 4.1824

Details

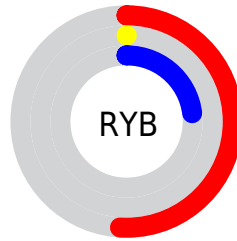
The YUV color **45.7810, 6.0240, 74.7371** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **85.2190, -6.0240, -74.7371**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9840, -1.9641, 70.1740**, and **24.1350, -4.5036, 44.6086** is the 20% darker color. If you saturate the color by 10%, you get **45.7810, 6.0240, 74.7371**, and if you desaturate by 10%, it is **54.2100, 5.3195, 67.3448**.

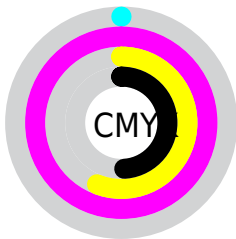
Distribution



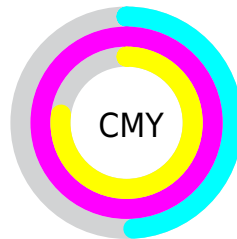
- Red (51%)
- Green (0%)
- Blue (23%)



- Red (51%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.7810, 6.0240, 74.7371 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 45.7810, 6.0240, 74.7371 by changing the saturation by 10% instead.

45.7810, 6.0240,
74.7371

45.7810, 6.0240,
74.7371

255.0000, 0.0000,
0.0000

35.0150, 0.9786,
59.6228

108.9840, -1.9641,
70.1740

24.1350, -4.5036,
44.6086

136.6530, -3.2799,
72.2183

14.8790, -6.3493,
29.9241

164.4360, -4.1589,
74.1626

0.0000, 0.0000,
0.0000


185.7440, -1.3528,
60.7375

205.2580, 2.3378,
43.6237


224.8860, 6.4652,


26.4100


 243.8470, 5.4984,
9.7812

 45.7810, 6.0240,
74.7371

 54.2100, 5.3195,
67.3448

 62.7530, 5.0518,
59.8526

 71.1820, 4.3473,
52.4604

 79.6110, 3.6428,
45.0682

 88.6270, 2.6489,
37.1611

■ 97.1700, 2.3812,
29.6689

■ 105.5990, 1.6767,
22.2767

■ 114.0280, 0.9722,
14.8844

■ 122.5710, 0.7045,
7.3922

Harmonies

Analogous

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



58.6560, 18.9036, 50.2907



45.7810, 6.0240, 74.7371



54.3300, -16.9247, 61.9776

Triad

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



45.7810, 6.0240, 74.7371



52.1090, -25.6897, -20.2666



60.8170, 37.5582, -53.3365

Complementary

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



45.7810, 6.0240, 74.7371



85.2190, -6.0240, -74.7371

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.



59.5000, 24.8965, -52.1815



45.7810, 6.0240, 74.7371



49.6790, -10.1947, -43.5685

Square

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



45.7810, 6.0240, 74.7371



59.9820, -29.5711, 11.4168



55.0540, 7.8614, -48.2824



55.7450, 43.5097, -48.8884

Rectangle

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



45.7810, 6.0240, 74.7371



58.1420, -28.6640, 47.2335



55.0540, 7.8614, -48.2824



60.6060, 34.2112, -53.1515

Sweetspot

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



45.7810, 6.0240, 74.7371



137.7570, 2.0918, 29.1541



36.4620, 46.6072, 31.1668



66.1640, 1.3981, 18.2732



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



45.7810, 6.0240, 74.7371



59.7930, 7.9901, 97.5285



43.2780, -21.3361, 76.9322



62.1360, 0.4260, 3.3887



45.4820, 6.1714, 74.1223



1.0110, -0.0054, 1.7444

Inverse Universe

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



45.7810, 6.0240, 74.7371



59.7930, 7.9901, 97.5285



87.7220, 21.3361, -76.9322



62.1360, 0.4260, 3.3887



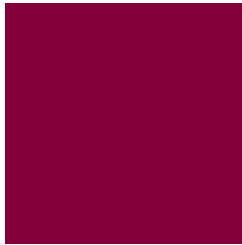
45.4820, 6.1714, 74.1223



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 45.7810, 6.0240, 74.7371 looks on a white background.

Color Contrast Check

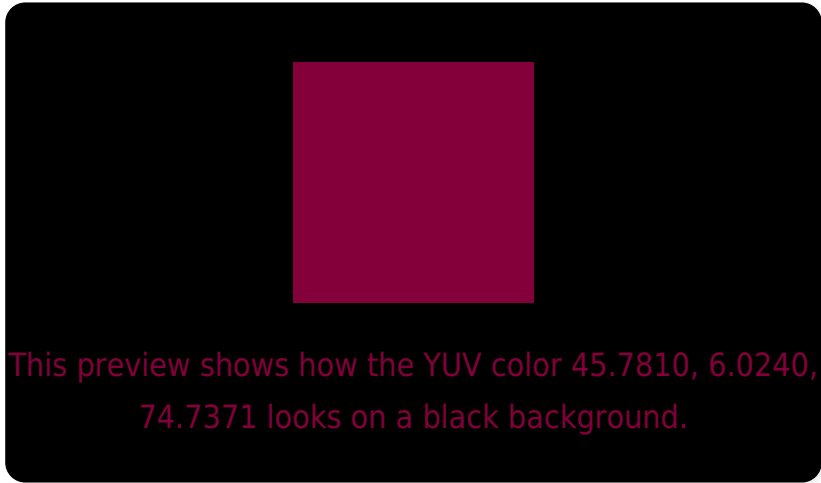
Large Text (above 18pt) WCAG AA ✓ Pass

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

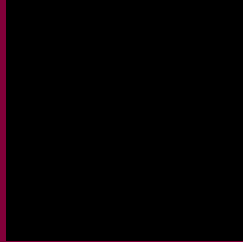
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.7810, 6.0240, 74.7371

Background



This preview shows how black text looks on a background with the YUV color 45.7810, 6.0240, 74.7371.



This preview shows how white text looks on a background with the YUV color 45.7810, 6.0240,

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

45.7810, 6.0240, 74.7371

Protanopia

68.0410, 7.8678, -3.5440

Deuteranopia

67.8180, -7.3053, 9.8066



Tritanopia

54.9930, -15.7725, 65.7811

Trichromacy



Original Color

45.7810, 6.0240, 74.7371

Protanomaly

60.1030, 7.3442, 24.4657

Deuteranomaly

59.6390, -2.2870, 33.6426

Tritanomaly

51.7790, -7.7790, 68.5998

Monochromacy



Original Color

45.7810, 6.0240, 74.7371

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.7460, 2.0972, 27.4098

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7810, 6.0240, 74.7371 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(131, 0, 58)` looks like.

```
.text, #text, p{  
    color:rgb(131, 0, 58)  
}
```

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(131, 0, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 0, 58) }
```

Border

The CSS property to change the border of an element to YUV 45.7810, 6.0240, 74.7371 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(131, 0, 58) }
```


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

```
.border{ border-color:rgb(131, 0, 58) }
```

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

Here you see how a box with a 4 pixel rgb(131, 0, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(131, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.7810, 6.0240, 74.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 0, 58) }
```

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

```
.background{ background-color: rgb(131, 0,  
58) }
```

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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