

Converting Colors

YUV(45.8380, 2.5449, 23.8211)

Have a look what the booklet for
YUV(45.8380, 2.5449, 23.8211)
contains.

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Color

**YUV(45.8380, 2.5449,
23.8211)**

Conversions

Conversions Part 1

Format	Color
Hex	491F33
RGB	73, 31, 51
RGB Percent	29%, 12%, 20%
CMY	0.7137, 0.8784, 0.8000
CMYK	0.00, 0.58, 0.30, 0.71
HSL	331°, 40%, 20%
HSV	331°, 58%, 29%
XYZ	3.8352, 2.6355, 3.4385
YIQ	45.8380, 18.6120, 15.1240

Conversions

Conversions Part 2

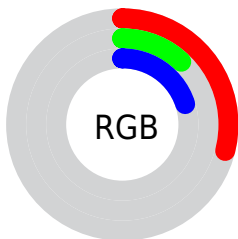
Format	Color
R_{YB}	73, 31, 51
Decimal	4792115
CIE Lab	18.52, 22.70, -3.70
CIE LCh	19, 23.000, 350.745
Yxy	2.6355, 0.3870, 0.2660
Android (android.graphics.Color)	4282982195 (0xFF491F33)
YUV	45.8380, 2.5449, 23.8211
Hunter-Lab	16.2341, 13.7596, -1.1943

Details

The YUV color **45.8380, 2.5449, 23.8211** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **58.1620, -2.5449, -23.8211**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.0340, 1.9552, 26.2802**, and **9.1270, -2.5276, 17.4286** is the 20% darker color. If you saturate the color by 10%, you get **41.2730, 2.8234, 27.8246**, and if you desaturate by 10%, it is **50.4030, 2.2663, 19.8176**.

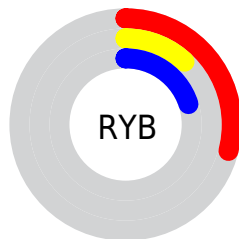
Distribution



Red (29%)

Green (12%)

Blue (20%)



Red (29%)

Yellow (12%)

Blue (20%)

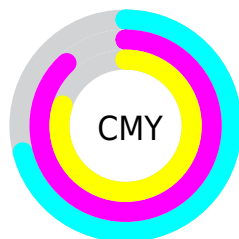


Cyan (0%)

Magenta (58%)

Yellow (30%)

Black (71%)



Cyan (71%)

Magenta (88%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.8380, 2.5449, 23.8211 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 45.8380, 2.5449, 23.8211 by changing the saturation by 10% instead.

■ 45.8380, 2.5449,
23.8211

■ 45.8380, 2.5449,
23.8211

■ 255.0000, 0.0000,
0.0000

■ 23.3540, 3.2765,
22.4915

■ 93.0340, 1.9552,
26.2802

■ 9.1270, -2.5276,
17.4286

■ 118.0450, 1.9498,
28.0245

■ 0.0000, 0.0000,
0.0000

■ 144.3440, 1.8024,
28.6393


■ 170.9420, 1.5076,
29.8689


■ 198.3550, 1.7970,
30.3837

■ 223.9740, 2.9708,


27.2098


 243.8470, 5.4984,
9.7812


 45.8380, 2.5449,
23.8211

 45.8380, 2.5449,
23.8211

 41.2730, 2.8234,
27.8246


 50.4030, 2.2663,
19.8176


 36.1210, 3.3913,
32.3429


 55.5550, 1.6984,
15.2993


 31.6700, 4.1067,
36.2464

 60.0060, 0.9830,
11.3957

 27.1050, 4.3852,
40.2499

 64.5710, 0.7045,
7.3922

 25.8170, 4.5272,
41.3795

 69.7230, 0.1366,
2.8739

■ 74.2880, -0.1420,
-1.1296

■ 78.8530, -0.4205,
-5.1331

■ 83.4180, -0.6991,
-9.1366

■ 88.4560, -1.7038,
-13.5549

Harmonies

Analogous

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



46.5960, 9.5662, 11.7553



45.8380, 2.5449, 23.8211



44.7970, -5.3229, 27.3650

Triad

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



45.8380, 2.5449, 23.8211



42.2870, -15.4245, 0.6253



38.6180, 15.9643, -33.8680

Complementary

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



45.8380, 2.5449, 23.8211



58.1620, -2.5449, -23.8211

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.



37.4950, 9.1230, -32.8831



45.8380, 2.5449, 23.8211



39.4360, -8.1029, -14.4144

Square

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



45.8380, 2.5449, 23.8211



43.4350, -16.4835, 13.6505



35.5570, 1.6974, -31.1835



37.0680, 20.1795, -32.5086

Rectangle

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



45.8380, 2.5449, 23.8211



44.5210, -10.1169, 24.9761



35.5570, 1.6974, -31.1835



38.6350, 13.4909, -33.8829

Sweetspot

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



45.8380, 2.5449, 23.8211



83.6960, 1.1359, 9.0366



42.3660, 15.1026, 9.3260



42.1470, 0.4205, 5.1331



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



45.8380, 2.5449, 23.8211



51.9690, 3.9593, 36.8612



44.1450, -6.4805, 25.3058



33.4240, 0.2840, 2.2592



34.9590, 5.9362, 56.1640



80.1850, 13.7128, 128.7568

Inverse Universe

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



45.8380, 2.5449, 23.8211



51.9690, 3.9593, 36.8612



59.8550, 6.4805, -25.3058



33.4240, 0.2840, 2.2592



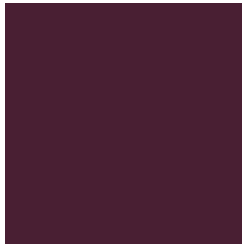
34.9590, 5.9362, 56.1640



80.1850, 13.7128, 128.7568

Previews

White Background



This preview shows how the YUV color 45.8380, 2.5449, 23.8211 looks on a white background.

Color Contrast Check

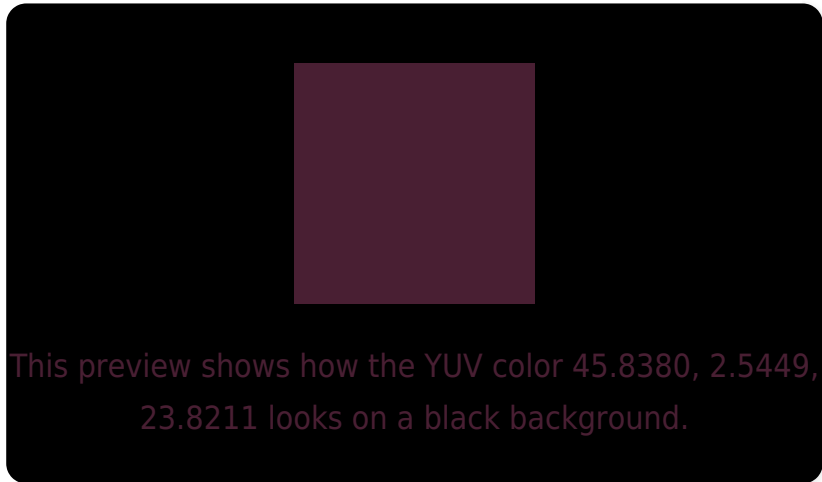
Large Text (above 18pt) WCAG AA ✓ Pass

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

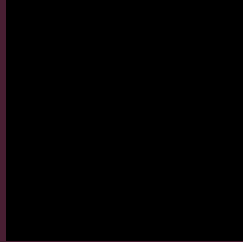
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.8380, 2.5449, 23.8211

Background



This preview shows how black text looks on a background with the YUV color 45.8380, 2.5449, 23.8211.



This preview shows how white text looks on a background with the YUV color 45.8380, 2.5449,

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

45.8380, 2.5449, 23.8211

Protanopia

45.9270, 7.4310, -3.4440

Deuteranopia

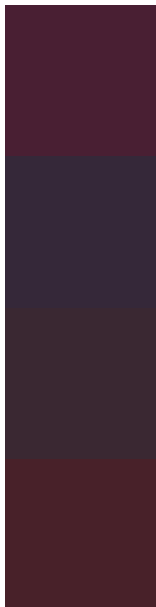
46.6520, 1.1576, 2.0592



Tritanopia

45.5900, -4.7279, 23.1616

Trichromacy



Original Color

45.8380, 2.5449, 23.8211

Protanomaly

45.8250, 5.5093, 6.2925

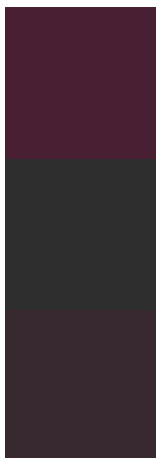
Deuteranomaly

46.5220, 1.7147, 10.0662

Tritanomaly

45.5730, -2.2545, 23.1765

Monochromacy



Original Color

45.8380, 2.5449, 23.8211

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.2830, 0.8465, 8.5218

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.8380, 2.5449, 23.8211 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(73, 31, 51)` looks like.

```
.text, #text, p{  
    color:rgb(73, 31, 51)  
}
```

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(73, 31, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 31, 51) }
```

Border

The CSS property to change the border of an element to YUV 45.8380, 2.5449, 23.8211 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(73, 31, 51) }
```


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

```
.border{ border-color:rgb(73, 31, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 31, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 31, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 31, 51);  
box-shadow:4px 4px 4px 4px rgb(73, 31, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.8380, 2.5449, 23.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 31, 51) }
```

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

```
.background{ background-color: rgb(73, 31,  
51) }
```

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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