

Converting Colors

YUV(45.1700, 2.3812, 29.6689)

Have a look what the booklet for
YUV(45.1700, 2.3812, 29.6689)
contains.

YUV(45.1700, 2.3812, 29.6689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(45.1700, 2.3812,
29.6689)**

Conversions

Conversions Part 1	
Format	Color
Hex	4F1B32
RGB	79, 27, 50
RGB Percent	31%, 11%, 20%
CMY	0.6902, 0.8941, 0.8039
CMYK	0.00, 0.66, 0.37, 0.69
HSL	333°, 49%, 21%
HSV	333°, 66%, 31%
XYZ	4.1921, 2.6764, 3.3133
YIQ	45.1700, 23.6090, 18.1770

Conversions

Conversions Part 2

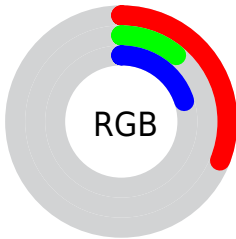
Format	Color
RYB	79, 27, 50
Decimal	5184306
CIELab	18.70, 27.10, -2.62
CIELCh	19, 27.222, 354.488
Yxy	2.6764, 0.4117, 0.2629
Android (android.graphics.Color)	4283374386 (0xFF4F1B32)
YUV	45.1700, 2.3812, 29.6689
Hunter-Lab	16.3598, 17.1101, -0.5559

Details

The YUV color **45.1700, 2.3812, 29.6689** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **60.8300, -2.3812, -29.6689**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.2520, 1.3548, 32.2280**, and **10.6930, -4.2856, 21.3172** is the 20% darker color. If you saturate the color by 10%, you get **40.0180, 2.9491, 34.1872**, and if you desaturate by 10%, it is **50.3220, 1.8133, 25.1506**.

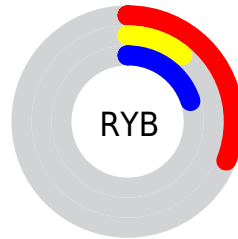
Distribution



Red (31%)

Green (11%)

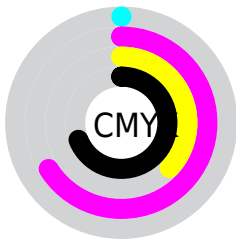
Blue (20%)



Red (31%)

Yellow (11%)

Blue (20%)

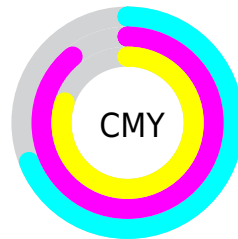


Cyan (0%)

Magenta (66%)

Yellow (37%)

Black (69%)



Cyan (69%)

Magenta (89%)


Yellow (80%)


Brightness & Saturation


Gradients

These gradients show how the YUV color 45.1700, 2.3812, 29.6689 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 45.1700, 2.3812, 29.6689 by changing the saturation by 10% instead.


 45.1700, 2.3812,
29.6689

 45.1700, 2.3812,
29.6689

 255.0000, 0.0000,
0.0000


 22.0990, 3.4022,
28.8542

 93.2520, 1.3548,
32.2280

 10.6930, -4.2856,
21.3172

 118.2630, 1.3493,
33.9723

 0.0000, 0.0000,
0.0000

 144.8610, 1.0545,
35.2019


 171.4590, 0.7597,
36.4315


 199.0570, 0.4649,
37.6610


 222.6860, 3.1128,


28.3394


 242.0860, 6.3666,
11.3256

 45.1700, 2.3812,
29.6689

 45.1700, 2.3812,
29.6689

 40.0180, 2.9491,
34.1872


 50.3220, 1.8133,
25.1506

 34.7520, 3.0803,
38.8055


 55.5880, 1.6821,
20.5323

 29.6000, 3.6482,
43.3238

 60.7400, 1.1142,
16.0140

 27.6110, 3.6428,
45.0682

 66.0060, 0.9830,
11.3957

 71.1580, 0.4151,
6.8774

■ 75.7230, 0.1366,
2.8739

■ 80.9890, 0.0054,
-1.7444

■ 86.1410, -0.5625,
-6.2627

■ 91.4070, -0.6937,
-10.8809

Harmonies

Analogous

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



46.9710, 10.8603, 16.6884



45.1700, 2.3812, 29.6689



44.0750, -6.9390, 32.3832

Triad

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



45.1700, 2.3812, 29.6689



41.1790, -18.3292, -1.0340



39.8890, 18.2957, -34.9827

Complementary

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



45.1700, 2.3812, 29.6689



60.8300, -2.3812, -29.6689

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.



39.2390, 10.7282, -34.4126



45.1700, 2.3812, 29.6689



37.3920, -8.0813, -21.3918

Square

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



45.1700, 2.3812, 29.6689



42.8820, -21.1408, 14.1355



36.9590, 1.9922, -32.4130



38.4530, 22.9477, -33.7233

Rectangle

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



45.1700, 2.3812, 29.6689



44.2610, -12.4537, 27.8351



36.9590, 1.9922, -32.4130



40.0200, 16.2591, -35.0975

Sweetspot

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



45.1700, 2.3812, 29.6689



89.0060, 0.9830, 11.3957



41.5990, 18.4387, 12.6297



43.1580, 0.4151, 6.8774



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



45.1700, 2.3812, 29.6689



49.3230, 3.7848, 46.1977



44.3090, -8.5333, 30.4240



35.4240, 0.2840, 2.2592



35.6280, 4.6204, 58.2082



80.3980, 10.6498, 131.2010

Inverse Universe

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



45.1700, 2.3812, 29.6689



49.3230, 3.7848, 46.1977



61.6910, 8.5333, -30.4240



35.4240, 0.2840, 2.2592



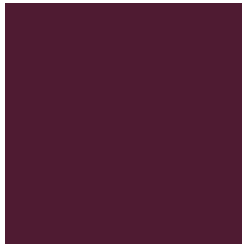
35.6280, 4.6204, 58.2082



80.3980, 10.6498, 131.2010

Previews

White Background



This preview shows how the YUV color 45.1700, 2.3812, 29.6689 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 45.1700, 2.3812, 29.6689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

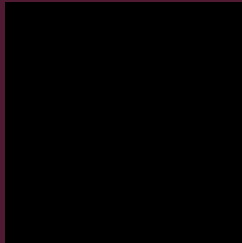
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.1700, 2.3812, 29.6689

Background



This preview shows how black text looks on a background with the YUV color 45.1700, 2.3812, 29.6689.



This preview shows how white text looks on a background with the YUV color 45.1700, 2.3812,

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

45.1700, 2.3812, 29.6689

Protanopia

46.6280, 7.5784, -4.0588

Deuteranopia

47.0220, -0.0108, 3.4887



Tritanopia

45.2810, -6.0545, 28.6946

Trichromacy



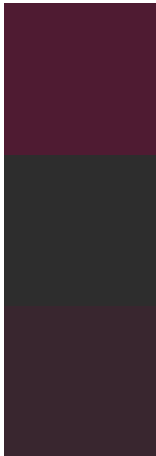
Original Color
45.1700, 2.3812, 29.6689

Protanomaly
45.9500, 5.9407, 7.9369

Deuteranomaly
46.0170, 0.9776, 13.1401

Tritanomaly
45.3780, -3.1444, 28.6095

Monochromacy



Original Color
45.1700, 2.3812, 29.6689

Achromatopsia
45.0000, 0.0000, 0.0000

Achromatomaly
44.7070, 1.1304, 10.7810

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.1700, 2.3812, 29.6689 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(79, 27, 50)` looks like.

```
.text, #text, p{  
    color:rgb(79, 27, 50)  
}
```

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(79, 27, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 27, 50) }
```

Border

The CSS property to change the border of an element to YUV 45.1700, 2.3812, 29.6689 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(79, 27, 50) }
```


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

```
.border{ border-color:rgb(79, 27, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 27, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 27, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 27, 50);  
box-shadow:4px 4px 4px 4px rgb(79, 27, 50)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.1700, 2.3812, 29.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 27, 50) }
```

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

```
.background{ background-color: rgb(79, 27,  
50) }
```

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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