

Converting Colors

YUV(46.5340, 0.2297, 19.7027)

Have a look what the booklet for
YUV(46.5340, 0.2297, 19.7027)
contains.

YUV(46.5340, 0.2297, 19.7027)	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(46.5340, 0.2297,
19.7027)**

Conversions

Conversions Part 1

Format	Color
Hex	45232F
RGB	69, 35, 47
RGB Percent	27%, 14%, 18%
CMY	0.7294, 0.8627, 0.8157
CMYK	0.00, 0.49, 0.32, 0.73
HSL	339°, 33%, 20%
HSV	339°, 49%, 27%
XYZ	3.5684, 2.6725, 3.0171
YIQ	46.5340, 16.4120, 10.9400

Conversions

Conversions Part 2

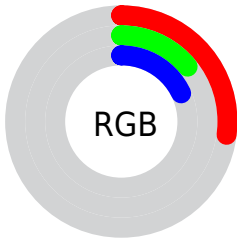
Format	Color
R_{YB}	69, 35, 47
Decimal	4530991
CIE Lab	18.68, 17.93, -0.73
CIE LCh	19, 17.948, 357.684
Yxy	2.6725, 0.3854, 0.2887
Android (android.graphics.Color)	4282721071 (0xFF45232F)
YUV	46.5340, 0.2297, 19.7027
Hunter-Lab	16.3478, 10.3539, 0.5011

Details

The YUV color **46.5340, 0.2297, 19.7027** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **57.4660, -0.2297, -19.7027**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.1430, -0.0705, 22.6766**, and **7.5890, -3.2484, 15.2694** is the 20% darker color. If you saturate the color by 10%, you get **41.9690, 0.5083, 23.7062**, and if you desaturate by 10%, it is **51.0990, -0.0488, 15.6992**.

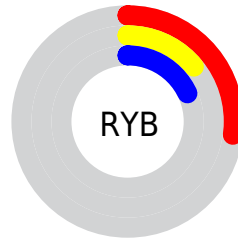
Distribution



Red (27%)

Green (14%)

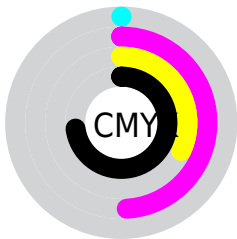
Blue (18%)



Red (27%)

Yellow (14%)

Blue (18%)

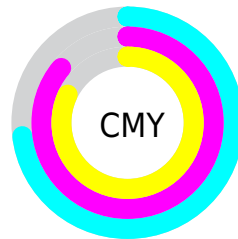


Cyan (0%)

Magenta (49%)

Yellow (32%)

Black (73%)



Cyan (73%)

Magenta (86%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.5340, 0.2297, 19.7027 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 46.5340, 0.2297, 19.7027 by changing the saturation by 10% instead.

46.5340, 0.2297,
19.7027

46.5340, 0.2297,
19.7027

255.0000, 0.0000,
0.0000

24.9360, 0.5246,
18.4731

93.1430, -0.0705,
22.6766

7.5890, -3.2484,
15.2694

118.3280, -0.6547,
23.3913

0.0000, 0.0000,
0.0000

143.7410, -0.3653,
23.9061

170.3390, -0.6601,
25.1357

197.7520, -0.3707,
25.6505

225.7520, -0.3707,

25.6505

245.3800, 3.7567,
8.4367

46.5340, 0.2297,
19.7027

46.5340, 0.2297,
19.7027

41.9690, 0.5083,
23.7062

51.0990, -0.0488,
15.6992

37.2900, 0.3500,
27.8097

55.7780, 0.1094,
11.5957

32.7250, 0.6286,
31.8132

60.3430, -0.1691,
7.5922

28.0460, 0.4703,
35.9167

65.0220, -0.0108,
3.4887

24.0680, 0.4595,
39.4054

69.5870, -0.2894,
-0.5148

■ 23.3670, 0.3121,
40.0201

■ 73.6790, 0.1583,
-4.1035

■ 78.2440, -0.1203,
-8.1070

■ 82.9230, 0.0380,
-12.2105

■ 87.4880, -0.2406,
-16.2140

Harmonies

Analogous

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



47.3850, 6.2192, 11.9404



46.5340, 0.2297, 19.7027



45.9380, -5.8854, 21.1024

Triad

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



46.5340, 0.2297, 19.7027



42.9430, -10.3249, -1.7040



36.9880, 14.7959, -32.4385

Complementary

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



46.5340, 0.2297, 19.7027



57.4660, -0.2297, -19.7027

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.



37.0220, 9.8492, -32.4683



46.5340, 0.2297, 19.7027



41.2450, -5.0508, -13.3699

Square

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



46.5340, 0.2297, 19.7027



44.1400, -12.3940, 8.6472



36.4370, 3.7286, -29.3242



42.2610, 14.1683, -17.7689

Rectangle

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



46.5340, 0.2297, 19.7027



45.4170, -9.0796, 18.9283



36.4370, 3.7286, -29.3242



37.2330, 13.1961, -32.6533

Sweetspot

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



46.5340, 0.2297, 19.7027



80.4570, 0.2677, 7.4922



45.4540, 11.6082, 10.1258



40.7340, 0.1311, 4.6183



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



46.5340, 0.2297, 19.7027



54.6000, 0.1972, 30.1688



48.1010, -6.4588, 18.3284



33.3100, -0.1528, 2.3591



33.5910, 0.6946, 57.3637



76.9930, 1.4825, 131.5561

Inverse Universe

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



46.5340, 0.2297, 19.7027



54.6000, 0.1972, 30.1688



55.8990, 6.4588, -18.3284



33.3100, -0.1528, 2.3591



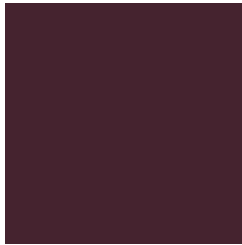
33.5910, 0.6946, 57.3637



76.9930, 1.4825, 131.5561

Previews

White Background



This preview shows how the YUV color 46.5340, 0.2297, 19.7027 looks on a white background.

Color Contrast Check

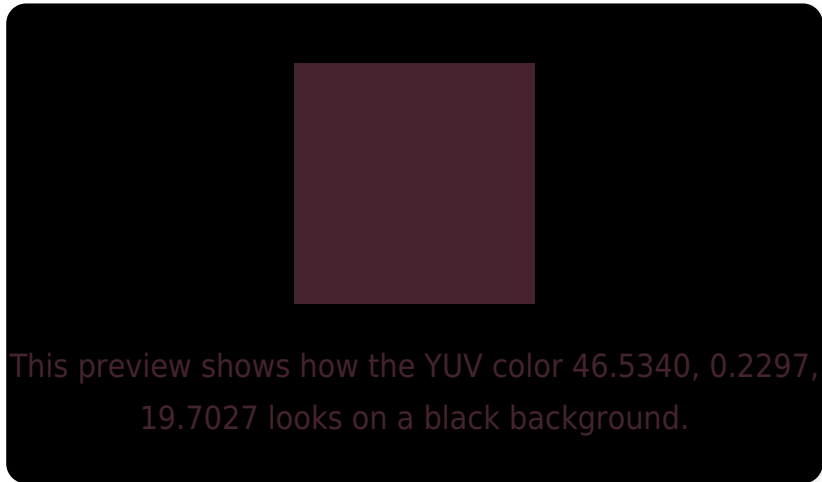
Large Text (above 18pt) WCAG AA ✓ Pass

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

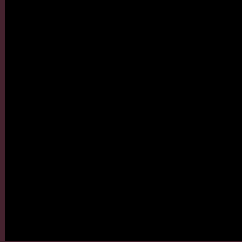
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.5340, 0.2297, 19.7027

Background



This preview shows how black text looks on a background with the YUV color 46.5340, 0.2297, 19.7027.



This preview shows how white text looks on a background with the YUV color 46.5340, 0.2297, 19.7027.

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

46.5340, 0.2297, 19.7027

Protanopia

46.6130, 3.6418, -1.4146

Deuteranopia

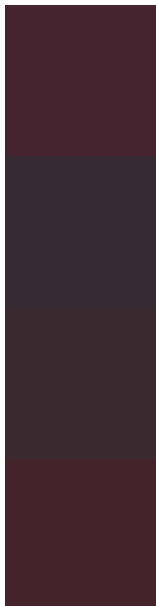
46.7940, -0.8844, 3.6887



Tritanopia

45.9100, -3.4066, 19.3729

Trichromacy



Original Color

46.5340, 0.2297, 19.7027

Protanomaly

46.6140, 2.1623, 6.4775

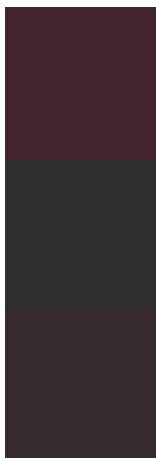
Deuteranomaly

46.6530, -0.3219, 9.9513

Tritanomaly

46.2520, -2.0962, 19.0730

Monochromacy



Original Color

46.5340, 0.2297, 19.7027

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.0440, -0.0217, 6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.5340, 0.2297, 19.7027 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(69, 35, 47)` looks like.

```
.text, #text, p{  
    color:rgb(69, 35, 47)  
}
```

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(69, 35, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 35, 47) }
```

Border

The CSS property to change the border of an element to YUV 46.5340, 0.2297, 19.7027 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(69, 35, 47) }
```


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

```
.border{ border-color:rgb(69, 35, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 35, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 35, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 35, 47);  
box-shadow:4px 4px 4px 4px rgb(69, 35, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.5340, 0.2297, 19.7027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 35, 47) }
```

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

```
.background{ background-color: rgb(69, 35,  
47) }
```

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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