

Converting Colors

YUV(46.8130, -2.8658, 32.6130)

Have a look what the booklet for
YUV(46.8130, -2.8658, 32.6130)
contains.

YUV(46.8130, -2.8658, 32.6130)	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(46.8130, -2.8658,
32.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	541D29
RGB	84, 29, 41
RGB Percent	33%, 11%, 16%
CMY	0.6706, 0.8863, 0.8392
CMYK	0.00, 0.65, 0.51, 0.67
HSL	347°, 49%, 22%
HSV	347°, 65%, 33%
XYZ	4.4958, 2.9236, 2.4252
YIQ	46.8130, 28.9280, 15.3920

Conversions

Conversions Part 2

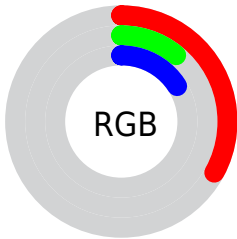
Format	Color
R_{YB}	84, 29, 41
Decimal	5512489
CIE _{Lab}	19.74, 26.79, 5.34
CIE _{LCh}	20, 27.320, 11.274
Yxy	2.9236, 0.4567, 0.2970
Android (android.graphics.Color)	4283702569 (0xFF541D29)
YUV	46.8130, -2.8658, 32.6130
Hunter-Lab	17.0987, 17.0104, 3.5597

Details

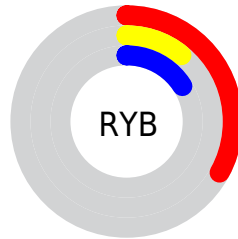
The YUV color **46.8130, -2.8658, 32.6130** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.1870, 2.8658, -32.6130**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.0800, -4.4764, 35.8868**, and **11.7750, -5.3121, 23.8763** is the 20% darker color. If you saturate the color by 10%, you get **41.3190, -3.6083, 37.4312**, and if you desaturate by 10%, it is **52.3070, -2.1234, 27.7948**.

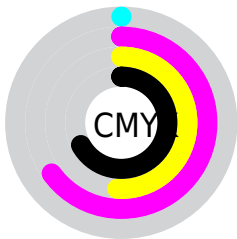
Distribution



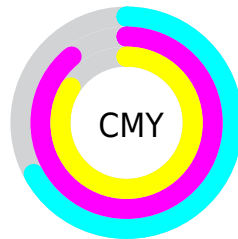
- Red (33%)
- Green (11%)
- Blue (16%)



- Red (33%)
- Yellow (11%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (51%)
- Black (67%)



- Cyan (67%)
- Magenta (89%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.8130, -2.8658, 32.6130 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 46.8130, -2.8658, 32.6130 by changing the saturation by 10% instead.

■ 46.8130, -2.8658,
32.6130

■ 46.8130, -2.8658,
32.6130

■ 255.0000, 0.0000,
0.0000

■ 22.9700, -0.9712,
31.5983

■ 95.0800, -4.4764,
35.8868

■ 11.7750, -5.3121,
23.8763

■ 120.2760, -5.0661,
38.3459

■ 0.0000, 0.0000,
0.0000

■ 146.8740, -5.3609,
39.5755

■ 173.4720, -5.6557,
40.8051

■ 201.0700, -5.9505,
42.0346

■ 222.4920, -2.7076,

28.5095

242.1200, 1.4198,
11.2958

46.8130, -2.8658,
32.6130

46.8130, -2.8658,
32.6130

41.3190, -3.6083,
37.4312

52.3070, -2.1234,
27.7948

35.3520, -3.6245,
42.6643

58.2740, -2.1071,
22.5617

29.8580, -4.3670,
47.4825

63.7680, -1.3646,
17.7435

27.1680, -4.5198,
49.8417

69.7350, -1.3484,
12.5104

75.2290, -0.6059,
7.6922

■ 80.6090, -0.3002,
2.9739

■ 86.6900, 0.1528,
-2.3591

■ 92.1840, 0.8953,
-7.1774

■ 98.1510, 0.9116,
-12.4104

Harmonies

Analogous

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



48.1740, 6.3232, 25.2804



46.8130, -2.8658, 32.6130



46.3860, -12.0223, 29.4795

Triad

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



46.8130, -2.8658, 32.6130



42.1930, -12.9131, -11.5703



40.8010, 21.7901, -35.7825

Complementary

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



46.8130, -2.8658, 32.6130



66.1870, 2.8658, -32.6130

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.



41.3080, 16.1172, -36.2271



46.8130, -2.8658, 32.6130



36.7480, -1.3548, -32.2280

Square

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



46.8130, -2.8658, 32.6130



44.3540, -20.3875, 5.8285



39.7290, 7.5286, -34.8423



44.0850, 21.1571, -19.3685

Rectangle

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



46.8130, -2.8658, 32.6130



45.9740, -17.2422, 23.7018



39.7290, 7.5286, -34.8423



41.6330, 19.9009, -36.5121

Sweetspot

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



46.8130, -2.8658, 32.6130



95.1480, -1.0590, 13.0252



47.8280, 17.8328, 20.3218



47.2290, -0.6059, 7.6922



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



46.8130, -2.8658, 32.6130



51.1790, -4.5252, 51.5860



54.2500, -12.4482, 26.0907



38.3100, -0.1528, 2.3591



34.0170, -5.4314, 62.2521



75.1820, -11.9217, 137.5294

Inverse Universe

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



46.8130, -2.8658, 32.6130



51.1790, -4.5252, 51.5860



58.7500, 12.4482, -26.0907



38.3100, -0.1528, 2.3591



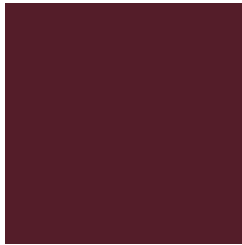
34.0170, -5.4314, 62.2521



75.1820, -11.9217, 137.5294

Previews

White Background



This preview shows how the YUV color 46.8130, -2.8658, 32.6130 looks on a white background.

Color Contrast Check

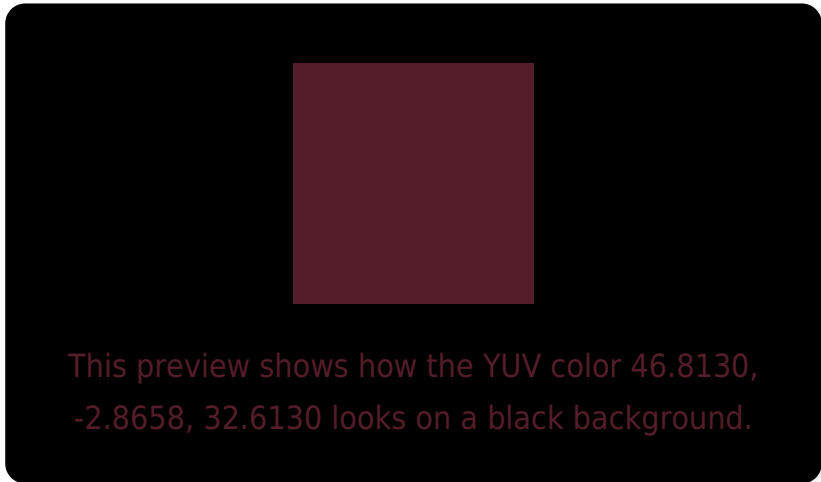
Large Text (above 18pt) WCAG AA ✓ Pass

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

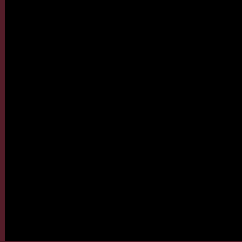
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.8130, -2.8658, 32.6130

Background



This preview shows how black text looks on a background with the YUV color 46.8130, -2.8658, 32.6130.



This preview shows how white text looks on a background with the YUV color 46.8130, -2.8658,

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

46.8130, -2.8658, 32.6130

Protanopia

49.2280, 0.8736, -0.2000

Deuteranopia

48.9640, -5.4053, 7.0476



Tritanopia

46.9610, -7.3758, 32.4832

Trichromacy



Original Color

46.8130, -2.8658, 32.6130

Protanomaly

48.5500, -0.7641, 11.7957

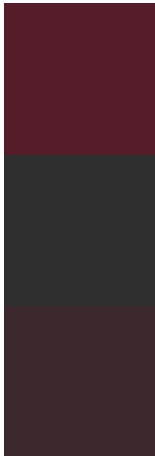
Deuteranomaly

47.9590, -4.4168, 16.6990

Tritanomaly

46.7160, -5.7760, 32.6981

Monochromacy



Original Color

46.8130, -2.8658, 32.6130

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.5500, -0.7641, 11.7957

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.8130, -2.8658, 32.6130 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(84, 29, 41)` looks like.

```
.text, #text, p{  
    color:rgb(84, 29, 41)  
}
```

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(84, 29, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 29, 41) }
```

Border

The CSS property to change the border of an element to YUV 46.8130, -2.8658, 32.6130 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(84, 29, 41) }
```


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

```
.border{ border-color:rgb(84, 29, 41) }
```

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

Here you see how a box with a 4 pixel rgb(84, 29, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 29, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 29, 41);  
box-shadow:4px 4px 4px 4px rgb(84, 29, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.8130, -2.8658, 32.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 29, 41) }
```

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

```
.background{ background-color: rgb(84, 29,  
41) }
```

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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