

Converting Colors

YUV(67.9080, 30.1184, 46.5617)

Have a look what the booklet for
YUV(67.9080, 30.1184, 46.5617)
contains.

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Color

**YUV(67.9080, 30.1184,
46.5617)**

Conversions

Conversions Part 1

Format	Color
Hex	791D81
RGB	121, 29, 129
RGB Percent	47%, 11%, 51%
CMY	0.5255, 0.8863, 0.4941
CMYK	0.06, 0.78, 0.00, 0.49
HSL	295°, 63%, 31%
HSV	295°, 78%, 51%
XYZ	12.2870, 6.5287, 21.3814
YIQ	67.9080, 22.7320, 50.6040

Conversions

Conversions Part 2

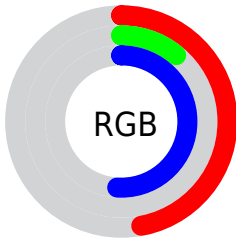
Format	Color
R_{YB}	121, 29, 129
Decimal	7937409
CIE _{Lab}	30.71, 51.49, -35.72
CIE _{LCh}	31, 62.661, 325.250
Yxy	6.5287, 0.3057, 0.1624
Android (android.graphics.Color)	4286127489 (0xFF791D81)
YUV	67.9080, 30.1184, 46.5617
Hunter-Lab	25.5512, 41.1217, -31.7284

Details

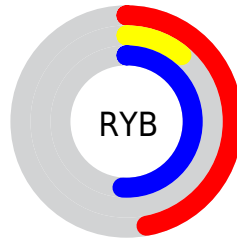
The YUV color **67.9080, 30.1184, 46.5617** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **90.0920, -30.1184, -46.5617**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.6800, 29.2448, 46.7616**, and **29.3380, 24.4834, 33.9066** is the 20% darker color. If you saturate the color by 10%, you get **59.9780, 34.0278, 52.6393**, and if you desaturate by 10%, it is **75.8380, 26.2089, 40.4841**.

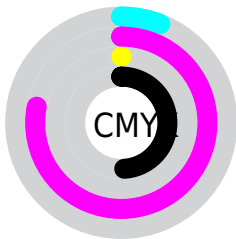
Distribution



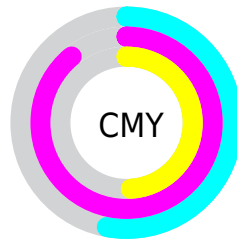
- Red (47%)
- Green (11%)
- Blue (51%)



- Red (47%)
- Yellow (11%)
- Blue (51%)



- Cyan (6%)
- Magenta (78%)
- Yellow (0%)
- Black (49%)



- Cyan (53%)
- Magenta (89%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.9080, 30.1184, 46.5617 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 67.9080, 30.1184, 46.5617 by changing the saturation by 10% instead.

67.9080, 30.1184,
46.5617

67.9080, 30.1184,
46.5617

255.0000, 0.0000,
0.0000

39.9620, 31.5707,
47.3913

122.6800, 29.2448,
46.7616

29.3380, 24.4834,
33.9066

150.3920, 29.3867,
47.8912

20.1380, 17.6800,
22.6810

178.2180, 29.9655,
48.9208

5.5560, 13.5299,
0.3894

202.1700, 26.0452,
46.3319

0.6840, 2.6208,
-0.5999

218.6060, 17.9422,
31.9175

0.0000, 0.0000,
0.0000

235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

67.9080, 30.1184,
46.5617

67.9080, 30.1184,
46.5617

59.9780, 34.0278,
52.6393

75.8380, 26.2089,
40.4841

52.0480, 37.9373,
58.7169

83.7680, 22.2994,
34.4065

50.2870, 38.8055,
60.2613

91.6980, 18.3899,
28.3289

99.6280, 14.4804,
22.2512

107.5580, 10.5709,
16.1736

■ 114.9010, 6.9508,
10.6108

■ 122.8310, 3.0413,
4.5332

■ 130.7610, -0.8682,
-1.5444

■ 138.6910, -4.7777,
-7.6220

Harmonies

Analogous

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



65.9140, 47.3704, -27.1116



67.9080, 30.1184, 46.5617



54.4970, 13.5590, 84.6331

Triad

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



67.9080, 30.1184, 46.5617



68.6200, -33.8297, 24.0123



66.8860, 22.7342, -58.6590

Complementary

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



67.9080, 30.1184, 46.5617



90.0920, -30.1184, -46.5617

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.



60.5990, 1.1837, -53.1453



67.9080, 30.1184, 46.5617



62.1980, -30.6636, -11.5746

Square

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



67.9080, 30.1184, 46.5617



64.4100, -31.7541, 58.3994



51.9980, -24.1560, -45.6022



70.2720, 40.7849, -61.6285

Rectangle

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



67.9080, 30.1184, 46.5617



51.7460, -0.8608, 89.6768



51.9980, -24.1560, -45.6022



65.0620, 15.7454, -57.0594

Sweetspot

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



67.9080, 30.1184, 46.5617



144.7970, 11.4391, 17.7180



45.0960, 41.3647, -14.1162



69.9010, 6.9508, 10.6108



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



67.9080, 30.1184, 46.5617



72.8400, 46.9139, 72.9313



65.5120, 10.5936, 55.6790



59.5920, 2.1731, 2.9888



49.5750, 38.6635, 59.1317



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.8120, -11.2463, 60.6779



60.0120, -17.7539, 94.7055



92.4880, -10.5936, -55.6790



59.2070, -0.5951, 4.2035



39.4120, -14.5001, 77.6917



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 67.9080, 30.1184, 46.5617 looks on a white background.

Color Contrast Check

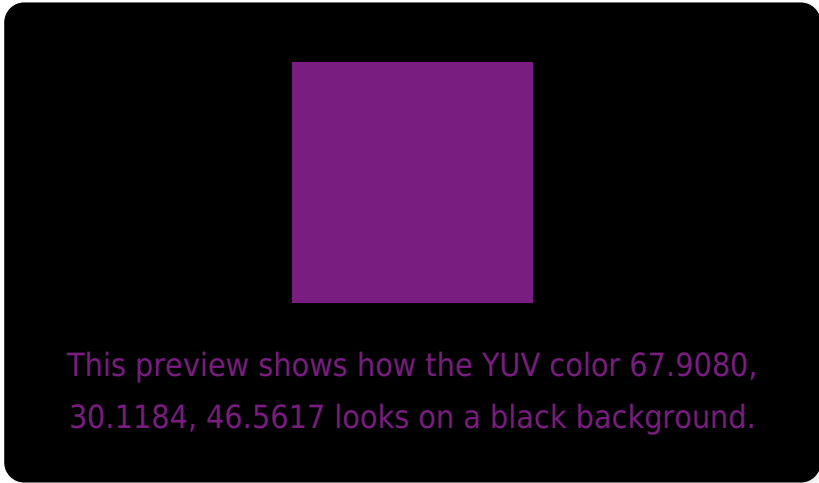
Large Text (above 18pt) WCAG AA ✓ Pass

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

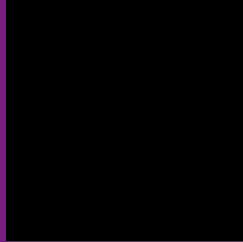
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.9080, 30.1184, 46.5617

Background



This preview shows how black text looks on a background with the YUV color 67.9080, 30.1184, 46.5617.



This preview shows how white text looks on a background with the YUV color 67.9080, 30.1184,

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

67.9080, 30.1184, 46.5617

Protanopia

58.8910, 45.4097, -51.6474

Deuteranopia

69.9040, 25.6833, -24.4718



Tritanopia

73.4990, -6.6550, 34.6424

Trichromacy



Original Color

67.9080, 30.1184, 46.5617



Protanomaly

62.3300, 39.7703, -16.0754



Deuteranomaly

69.5250, 27.3492, 1.2936



Tritanomaly

71.3760, 6.7166, 39.1352

Monochromacy



Original Color

67.9080, 30.1184, 46.5617



Achromatopsia

68.0000, 0.0000, 0.0000



Achromatomaly

67.9710, 10.8603, 16.6884

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.9080, 30.1184, 46.5617 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(121, 29, 129)` looks like.

```
.text, #text, p{  
    color:rgb(121, 29, 129)  
}
```

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(121, 29, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 29, 129) }
```

Border

The CSS property to change the border of an element to YUV 67.9080, 30.1184, 46.5617 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(121, 29, 129) }
```


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

```
.border{ border-color:rgb(121, 29, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 29, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 29, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 29, 129);  
box-shadow:4px 4px 4px 4px rgb(121, 29,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 67.9080, 30.1184, 46.5617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 29, 129) }
```

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

```
.background{ background-color: rgb(121, 29,  
129) }
```

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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