

Converting Colors

YUV(46.1380, 30.9910, -0.1210)

Have a look what the booklet for
YUV(46.1380, 30.9910, -0.1210)
contains.

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Color

**YUV(46.1380, 30.9910,
-0.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	2E226D
RGB	46, 34, 109
RGB Percent	18%, 13%, 43%
CMY	0.8196, 0.8667, 0.5725
CMYK	0.58, 0.69, 0.00, 0.57
HSL	250°, 52%, 28%
HSV	250°, 69%, 43%
XYZ	4.4591, 2.8290, 14.7790
YIQ	46.1380, -16.9230, 25.8690

Conversions

Conversions Part 2

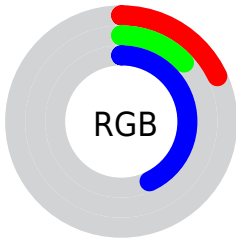
Format	Color
R_{YB}	46, 34, 109
Decimal	3023469
CIE _{Lab}	19.35, 27.98, -41.84
CIE _{LCh}	19, 50.336, 303.770
Yxy	2.8290, 0.2021, 0.1282
Android (android.graphics.Color)	4281213549 (0xFF2E226D)
YUV	46.1380, 30.9910, -0.1210
Hunter-Lab	16.8197, 17.8875, -40.3228

Details

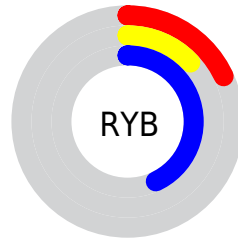
The YUV color **46.1380, 30.9910, -0.1210** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **96.8620, -30.9910, 0.1210**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.3280, 32.8693, 4.0973**, and **6.9540, 26.6447, -6.0987** is the 20% darker color. If you saturate the color by 10%, you get **36.9900, 35.5009, 0.0088**, and if you desaturate by 10%, it is **55.2860, 26.4810, -0.2508**.

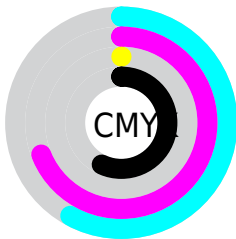
Distribution



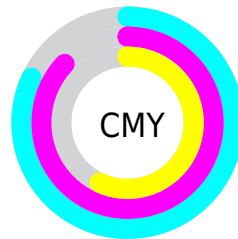
- Red (18%)
- Green (13%)
- Blue (43%)



- Red (18%)
- Yellow (13%)
- Blue (43%)



- Cyan (58%)
- Magenta (69%)
- Yellow (0%)
- Black (57%)



- Cyan (82%)
- Magenta (87%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.1380, 30.9910, -0.1210 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 46.1380, 30.9910, -0.1210 by changing the saturation by 10% instead.

■ 46.1380, 30.9910,
-0.1210

■ 46.1380, 30.9910,
-0.1210

■ 255.0000, 0.0000,
0.0000

■ 21.9910, 30.5704,
-5.2541

■ 94.3280, 32.8693,
4.0973

■ 6.9540, 26.6447,
-6.0987

■ 119.9690, 34.0323,
4.4122

■ 5.5060, 16.0195,
-4.8288

■ 146.2080, 34.9005,
5.9566

■ 2.2970, 6.2626,
-2.0145

■ 172.7350, 35.6266,
6.3714

■ 0.0000, 0.0000,
0.0000

■ 198.3950, 27.9063,
9.3006

■ 223.5020, 15.5285,

12.7147

245.0210, 4.9196,
8.7516

46.1380, 30.9910,
-0.1210

46.1380, 30.9910,
-0.1210

36.9900, 35.5009,
0.0088

55.2860, 26.4810,
-0.2508

27.8420, 40.0109,
0.1386

64.4340, 21.9710,
-0.3806

18.6940, 44.5209,
0.2684

73.5820, 17.4611,
-0.5104

17.5090, 45.1051,
-0.4464

83.0290, 12.8037,
-0.0254

92.1770, 8.2937,
-0.1552

■ 100.7380, 4.0732,
0.2298

■ 109.8860, -0.4368,
0.1000

■ 119.0340, -4.9468,
-0.0298

■ 128.1820, -9.4567,
-0.1596

Harmonies

Analogous

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



43.8450, 38.5304, -38.4521



46.1380, 30.9910, -0.1210



36.6280, 21.3824, 48.5612

Triad

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



46.1380, 30.9910, -0.1210



43.3130, -21.3533, 35.6825



41.6210, 4.6238, -36.5016

Complementary

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



46.1380, 30.9910, -0.1210



96.8620, -30.9910, 0.1210

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.



35.7730, -12.7061, -31.3729



46.1380, 30.9910, -0.1210



44.0340, -21.7088, 9.6172

Square

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



46.1380, 30.9910, -0.1210



31.2530, -13.4357, 62.9221



36.7590, -18.1222, -20.8366



45.7250, 20.3486, -40.1008

Rectangle

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



46.1380, 30.9910, -0.1210



37.7790, 8.9830, 58.9528



36.7590, -18.1222, -20.8366



40.1390, -1.0545, -35.2019

Sweetspot

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



46.1380, 30.9910, -0.1210



117.9150, 12.3669, 0.0745



80.1180, 14.2388, -40.4455



56.5360, 7.1308, -0.4701



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



46.1380, 30.9910, -0.1210



43.2470, 49.1782, -0.2166



57.2010, 25.5369, 22.6257



48.9830, 2.4734, 0.0149



19.0190, 48.3046, -0.0167



39.5910, 101.2666, -0.5183

Inverse Universe

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



63.6070, 16.4627, 39.8097



70.9810, 26.1384, 63.1607



85.7990, -25.5369, -22.6257



50.3640, 1.2995, 3.1888



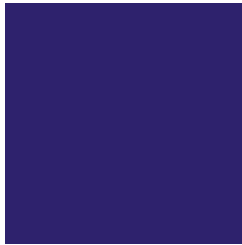
46.2690, 25.9964, 62.0311



96.7390, 53.8657, 130.0249

Previews

White Background



This preview shows how the YUV color 46.1380, 30.9910, -0.1210 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

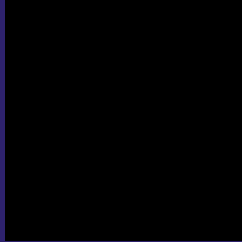
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.1380, 30.9910, -0.1210

Background



This preview shows how black text looks on a background with the YUV color 46.1380, 30.9910, -0.1210.



This preview shows how white text looks on a background with the YUV color 46.1380, 30.9910,

-0.1210.

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

46.1380, 30.9910, -0.1210

Protanopia

38.0600, 29.0574, -33.3786

Deuteranopia

38.2250, 22.0741, -33.5233



Tritanopia

43.3830, 5.7272, -16.9989

Trichromacy



Original Color

46.1380, 30.9910, -0.1210

Protanomaly

41.2510, 29.4563, -21.2681

Deuteranomaly

41.3990, 24.9463, -21.3979

Tritanomaly

44.5330, 15.0202, -10.9914

Monochromacy



Original Color

46.1380, 30.9910, -0.1210

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.2740, 11.2039, -0.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.1380, 30.9910, -0.1210 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(46, 34, 109)` looks like.

```
.text, #text, p{  
    color:rgb(46, 34, 109)  
}
```

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(46, 34, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 34, 109) }
```

Border

The CSS property to change the border of an element to YUV 46.1380, 30.9910, -0.1210 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(46, 34, 109) }
```


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

```
.border{ border-color:rgb(46, 34, 109) }
```

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

Here you see how a box with a 4 pixel rgb(46, 34, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 34, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 34, 109);  
box-shadow:4px 4px 4px 4px rgb(46, 34,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 46.1380, 30.9910, -0.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 34, 109) }
```

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

```
.background{ background-color: rgb(46, 34,  
109) }
```

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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