

Converting Colors

YUV(30.4030, 9.1683, 46.1276)

Have a look what the booklet for
YUV(30.4030, 9.1683, 46.1276)
contains.

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Color

**YUV(30.4030, 9.1683,
46.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	530031
RGB	83, 0, 49
RGB Percent	33%, 0%, 19%
CMY	0.6745, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.41, 0.67
HSL	325°, 100%, 16%
HSV	325°, 100%, 33%
XYZ	4.1217, 2.0608, 3.0863
YIQ	30.4030, 33.7390, 32.8350

Conversions

Conversions Part 2

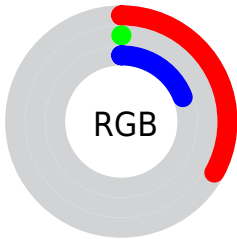
Format	Color
RYB	83, 0, 49
Decimal	5439537
CIELab	15.80, 38.58, -6.15
CIELCh	16, 39.069, 350.947
Yxy	2.0608, 0.4447, 0.2223
Android (android.graphics.Color)	4283629617 (0xFF530031)
YUV	30.4030, 9.1683, 46.1276
Hunter-Lab	14.3553, 26.1286, -2.6981

Details

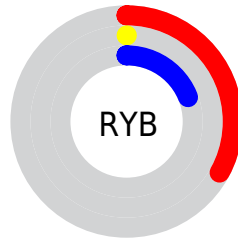
The YUV color **30.4030, 9.1683, 46.1276** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **52.5970, -9.1683, -46.1276**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.3660, 5.2426, 45.2830**, and **10.2800, -4.5750, 20.8024** is the 20% darker color. If you saturate the color by 10%, you get **30.4030, 9.1683, 46.1276**, and if you desaturate by 10%, it is **35.4410, 8.1636, 41.7092**.

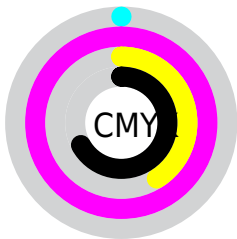
Distribution



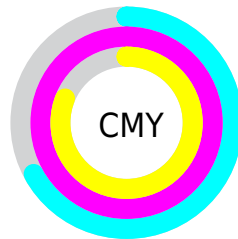
- Red (33%)
- Green (0%)
- Blue (19%)



- Red (33%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (67%)





- Cyan (67%)
- Magenta (100%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the YUV color 30.4030, 9.1683, 46.1276 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 30.4030, 9.1683, 46.1276 by changing the saturation by 10% instead.


 30.4030, 9.1683,
46.1276

 30.4030, 9.1683,
46.1276

 249.1300, 2.8939,
5.1480

 20.5340, 3.6807,
32.8577

 84.3660, 5.2426,
45.2830

 10.2800, -4.5750,
20.8024

 110.2630, 4.8003,
47.1273

 0.0000, 0.0000,
0.0000

 136.7470, 4.0687,
48.4569

 163.7580, 4.0633,
50.2012

 191.3560, 3.7685,
51.4308

 212.4790, 7.1589,

37.2909

■ 232.1070, 11.2862,
20.0772

■ 30.4030, 9.1683,
46.1276

■ 35.4410, 8.1636,
41.7092

■ 41.1800, 7.3063,
36.6761

■ 46.2180, 6.3015,
32.2578

■ 51.3700, 5.7336,
27.7395

■ 56.4080, 4.7289,
23.3212

■ 62.0330, 3.4347,
18.3881

■ 67.1850, 2.8668,
13.8698

■ 72.2230, 1.8621,
9.4514

■ 77.9620, 1.0047,
4.4183

Harmonies

Analogous

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



39.1270, 17.6854, 20.9366



30.4030, 9.1683, 46.1276



29.3960, -3.6462, 49.6417

Triad

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



30.4030, 9.1683, 46.1276



35.3960, -17.4502, -2.9783



38.6980, 21.3479, -33.9381

Complementary

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



30.4030, 9.1683, 46.1276



52.5970, -9.1683, -46.1276

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.



36.6630, 11.0121, -32.1535



30.4030, 9.1683, 46.1276



28.1760, -13.8908, -24.7104

Square

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



30.4030, 9.1683, 46.1276



37.5880, -18.5309, 17.0243



32.7700, -1.3656, -28.7393



37.2450, 28.4732, -32.6639

Rectangle

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



30.4030, 9.1683, 46.1276



33.0240, -16.2808, 42.0750



32.7700, -1.3656, -28.7393



37.9000, 18.2903, -33.2383

Sweetspot

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



30.4030, 9.1683, 46.1276



86.7340, 3.5821, 17.7733



19.3290, 31.3898, 11.9895



41.3480, 2.2934, 11.0958



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



30.4030, 9.1683, 46.1276



39.1750, 11.7457, 59.4825



25.7290, -8.7404, 50.2267



38.4240, 0.2840, 2.2592



38.4630, 11.6037, 58.3529



84.9860, 25.6429, 128.9313

Inverse Universe

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



30.4030, 9.1683, 46.1276



39.1750, 11.7457, 59.4825



57.2710, 8.7404, -50.2267



38.4240, 0.2840, 2.2592



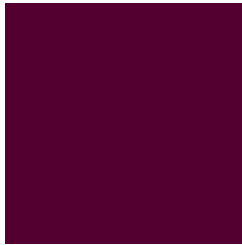
38.4630, 11.6037, 58.3529



84.9860, 25.6429, 128.9313

Previews

White Background



This preview shows how the YUV color 30.4030, 9.1683, 46.1276 looks on a white background.

Color Contrast Check

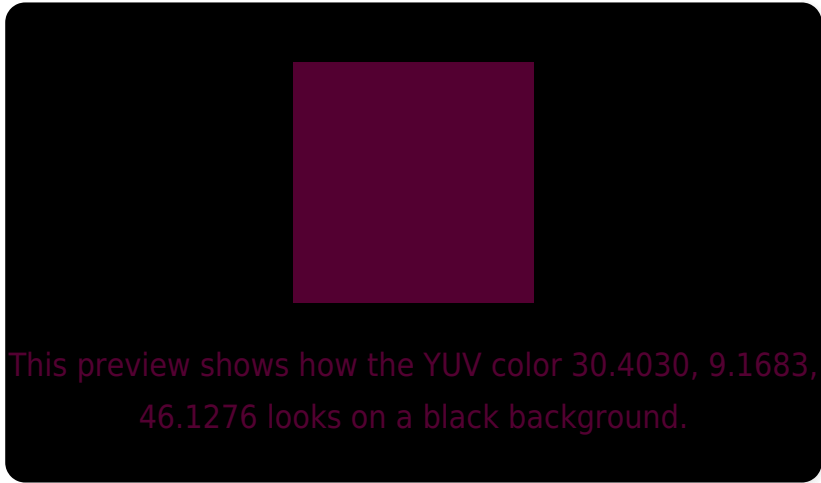
Large Text (above 18pt) WCAG AA ✓ Pass

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

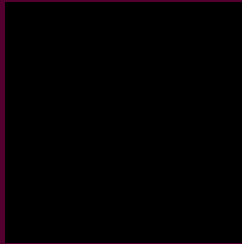
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.4030, 9.1683, 46.1276

Background



This preview shows how black text looks on a background with the YUV color 30.4030, 9.1683, 46.1276.



This preview shows how white text looks on a background with the YUV color 30.4030, 9.1683,

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

30.4030, 9.1683, 46.1276

Protanopia

43.0880, 13.2676, -8.8472

Deuteranopia

43.8370, 0.5734, 2.7740



Tritanopia

37.6520, -8.7024, 38.0162

Trichromacy



Original Color

30.4030, 9.1683, 46.1276

Protanomaly

38.1660, 11.7502, 11.2554

Deuteranomaly

39.0330, 3.4347, 18.3881

Tritanomaly

35.0960, -2.0193, 41.1348

Monochromacy



Original Color

30.4030, 9.1683, 46.1276

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.0220, 3.4402, 16.6437

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.4030, 9.1683, 46.1276 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(83, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(83, 0, 49)  
}
```

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(83, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 0, 49) }
```

Border

The CSS property to change the border of an element to YUV 30.4030, 9.1683, 46.1276 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(83, 0, 49) }
```


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

```
.border{ border-color:rgb(83, 0, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 0, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 0, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(83, 0, 49); box-shadow:4px  
4px 4px 4px rgb(83, 0, 49) }
```

Background

The CSS property to change the background color of an element to YUV 30.4030, 9.1683, 46.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 0, 49) }
```

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

```
.background{ background-color: rgb(83, 0,  
49) }
```

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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