

Converting Colors

YUV(30.8460, 17.3309, 41.3541)

Have a look what the booklet for
YUV(30.8460, 17.3309, 41.3541)
contains.

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Color

**YUV(30.8460, 17.3309,
41.3541)**

Conversions

Conversions Part 1

Format	Color
Hex	4E0042
RGB	78, 0, 66
RGB Percent	31%, 0%, 26%
CMY	0.6941, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.15, 0.69
HSL	309°, 100%, 15%
HSV	309°, 100%, 31%
XYZ	4.1253, 2.0130, 5.3254
YIQ	30.8460, 25.3020, 37.0620

Conversions

Conversions Part 2

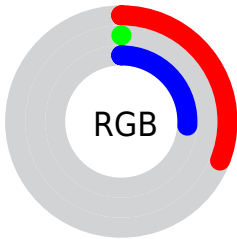
Format	Color
R_YB	78, 0, 66
Decimal	5111874
CIE _{Lab}	15.56, 39.70, -18.73
CIE _{LCh}	16, 43.898, 334.736
Yxy	2.0130, 0.3599, 0.1756
Android (android.graphics.Color)	4283301954 (0xFF4E0042)
YUV	30.8460, 17.3309, 41.3541
Hunter-Lab	14.1882, 27.0700, -12.3221

Details

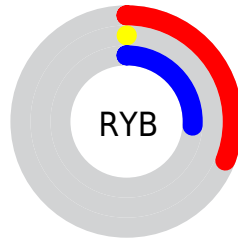
The YUV color **30.8460, 17.3309, 41.3541** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **47.1540, -17.3309, -41.3541**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.7380, 14.4262, 39.6948**, and **11.2930, 5.7716, 15.5290** is the 20% darker color. If you saturate the color by 10%, you get **30.8460, 17.3309, 41.3541**, and if you desaturate by 10%, it is **35.6560, 15.4526, 37.1357**.

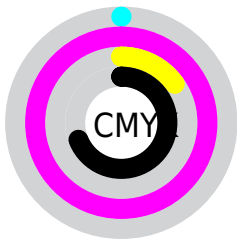
Distribution



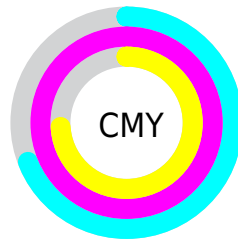
- Red (31%)
- Green (0%)
- Blue (26%)



- Red (31%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (69%)



- Cyan (69%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.8460, 17.3309, 41.3541 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 30.8460, 17.3309, 41.3541 by changing the saturation by 10% instead.

30.8460, 17.3309,
41.3541

30.8460, 17.3309,
41.3541

248.5430, 3.1833,
5.6628

20.8630, 11.4065,
28.1841

84.7380, 14.4262,
39.6948

11.2930, 5.7716,
15.5290

110.4500, 14.5682,
40.8244

0.0000, 0.0000,
0.0000

137.0480, 14.2733,
42.0539

163.8740, 14.8521,
43.0835

191.4720, 14.5573,
44.3131

214.5140, 17.4946,

35.5062

■ 231.5200, 11.5756,
20.5920

■ 30.8460, 17.3309,
41.3541

■ 35.6560, 15.4526,
37.1357

■ 40.4660, 13.5743,
32.9173

■ 44.8030, 12.4221,
29.1138

■ 49.6130, 10.5438,
24.8954

■ 54.4230, 8.6655,
20.6770

■ 59.2330, 6.7871,
16.4587

■ 64.0430, 4.9088,
12.2403

■ 68.3800, 3.7567,
8.4367

■ 73.1900, 1.8783,
4.2184

Harmonies

Analogous

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



38.1830, 26.0388, 1.5935



30.8460, 17.3309, 41.3541



30.9000, 2.0213, 51.8307

Triad

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



30.8460, 17.3309, 41.3541



36.3480, -17.9196, 7.5878



38.3730, 17.5641, -33.6531

Complementary

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



30.8460, 17.3309, 41.3541



47.1540, -17.3309, -41.3541

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.



34.8390, 4.0234, -30.5538



30.8460, 17.3309, 41.3541



29.6930, -14.6386, -18.1478

Square

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



30.8460, 17.3309, 41.3541



35.8930, -17.6952, 29.0348



30.1480, -11.4120, -26.4398



39.7070, 27.7524, -34.8230

Rectangle

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



30.8460, 17.3309, 41.3541



28.2070, -7.0041, 53.3155



30.1480, -11.4120, -26.4398



37.2330, 13.1961, -32.6533

Sweetspot

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



30.8460, 17.3309, 41.3541



83.2330, 6.7871, 16.4587



12.4800, 32.3014, -0.4210



40.0920, 3.8986, 9.5663



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



30.8460, 17.3309, 41.3541



40.3020, 22.5291, 54.1091



26.4000, 0.2958, 45.2532



35.6520, 1.1576, 2.0592



90.8860, 50.8352, 122.0030

Inverse Universe

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



30.8460, 17.3309, 41.3541



40.3020, 22.5291, 54.1091



51.6000, -0.2958, -45.2532



35.6520, 1.1576, 2.0592



90.8860, 50.8352, 122.0030

Previews

White Background



This preview shows how the YUV color 30.8460, 17.3309, 41.3541 looks on a white background.

Color Contrast Check

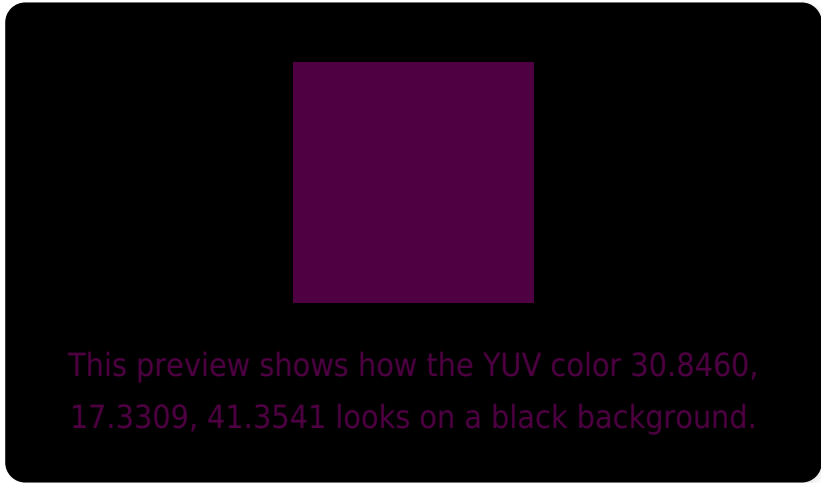
Large Text (above 18pt) WCAG AA ✓ Pass

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

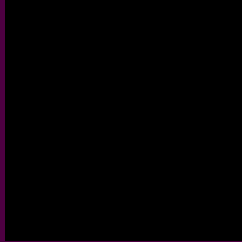
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.8460, 17.3309, 41.3541

Background



This preview shows how black text looks on a background with the YUV color 30.8460, 17.3309, 41.3541.



This preview shows how white text looks on a background with the YUV color 30.8460, 17.3309,

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



Protanopia

34.6860, 26.2838, -30.4196

Deuteranopia

43.0730, 9.3310, -6.2030

Tritanopia

40.7650, -6.7861, 30.0241

Trichromacy



Protanomaly

33.3410, 23.0029, -4.6841

Deuteranomaly

38.2800, 12.1870, 11.1554

Tritanomaly

37.3770, 1.7861, 33.8724

Monochromacy



Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

31.1080, 6.3558, 14.8143

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.8460, 17.3309, 41.3541 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(78, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(78, 0, 66)  
}
```

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(78, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 0, 66) }
```

Border

The CSS property to change the border of an element to YUV 30.8460, 17.3309, 41.3541 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(78, 0, 66) }
```

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

```
.border{ border-color:rgb(78, 0, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 0, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 0, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(78, 0, 66); box-shadow:4px  
4px 4px 4px rgb(78, 0, 66) }
```

Background

The CSS property to change the background color of an element to YUV 30.8460, 17.3309, 41.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 0, 66) }
```

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

```
.background{ background-color: rgb(78, 0,  
66) }
```

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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