

Converting Colors

YUV(46.3300, 13.1483, 29.5286)

Have a look what the booklet for
YUV(46.3300, 13.1483, 29.5286)
contains.

YUV(46.3300, 13.1483, 29.5286)	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(46.3300, 13.1483,
29.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	501849
RGB	80, 24, 73
RGB Percent	31%, 9%, 29%
CMY	0.6863, 0.9059, 0.7137
CMYK	0.00, 0.70, 0.09, 0.69
HSL	308°, 54%, 20%
HSV	308°, 70%, 31%
XYZ	4.8375, 2.8398, 6.5965
YIQ	46.3300, 17.6470, 27.1110

Conversions

Conversions Part 2

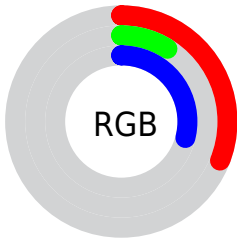
Format	Color
RYB	80, 24, 73
Decimal	5249097
CIELab	19.39, 32.75, -17.53
CIElCh	19, 37.148, 331.838
Yxy	2.8398, 0.3389, 0.1990
Android (android.graphics.Color)	4283439177 (0xFF501849)
YUV	46.3300, 13.1483, 29.5286
Hunter-Lab	16.8516, 21.7505, -11.4126

Details

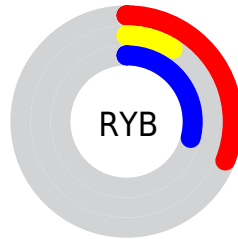
The YUV color **46.3300, 13.1483, 29.5286** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **57.6700, -13.1483, -29.5286**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.3410, 13.1429, 31.2729**, and **14.1840, 7.7973, 19.1326** is the 20% darker color. If you saturate the color by 10%, you get **41.5200, 15.0266, 33.7470**, and if you desaturate by 10%, it is **51.1400, 11.2700, 25.3102**.

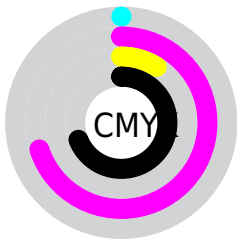
Distribution



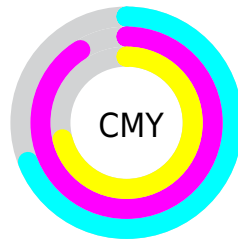
- Red (31%)
- Green (9%)
- Blue (29%)



- Red (31%)
- Yellow (9%)
- Blue (29%)



- Cyan (0%)
- Magenta (70%)
- Yellow (9%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.3300, 13.1483, 29.5286 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 46.3300, 13.1483, 29.5286 by changing the saturation by 10% instead.

46.3300, 13.1483,
29.5286

46.3300, 13.1483,
29.5286

255.0000, 0.0000,
0.0000

22.4440, 13.5851,
29.4286

95.3410, 13.1429,
31.2729

14.1840, 7.7973,
19.1326

121.0530, 13.2849,
32.4025

0.0000, 0.0000,
0.0000


146.7650, 13.4269,
33.5321


174.4770, 13.5688,
34.6617


201.8900, 13.8582,
35.1765


224.4760, 15.0483,


26.7695


 241.4990, 6.6560,
11.8404


 46.3300, 13.1483,
29.5286


 46.3300, 13.1483,
29.5286

 41.5200, 15.0266,
33.7470

 51.1400, 11.2700,
25.3102


 36.7100, 16.9050,
37.9653

 55.9500, 9.3917,
21.0919

 31.9000, 18.7833,
42.1837

 60.7600, 7.5133,
16.8735

 65.5700, 5.6350,
12.6551

 70.3800, 3.7567,
8.4367

■ 75.1900, 1.8783,
4.2184

■ 80.0000, 0.0000,
0.0000

■ 84.8100, -1.8783,
-4.2184

■ 89.6200, -3.7567,
-8.4367

Harmonies

Analogous

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



47.5480, 22.4078, -0.4806



46.3300, 13.1483, 29.5286



41.3830, 2.7692, 45.2681

Triad

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



46.3300, 13.1483, 29.5286



44.3440, -21.8616, 11.9763



43.1830, 15.6858, -37.8715

Complementary

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



46.3300, 13.1483, 29.5286



57.6700, -13.1483, -29.5286

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.



40.1050, 3.8922, -35.1721



46.3300, 13.1483, 29.5286



40.3800, -19.9073, -8.2263

Square

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



46.3300, 13.1483, 29.5286



44.1660, -21.7738, 30.5494



35.7390, -7.7593, -31.3431



43.7020, 25.2899, -38.3267

Rectangle

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



46.3300, 13.1483, 29.5286



41.0920, -5.9614, 45.5233



35.7390, -7.7593, -31.3431



42.1570, 11.7546, -36.9717

Sweetspot

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



46.3300, 13.1483, 29.5286



91.7440, 5.0562, 11.6255



32.4770, 23.4288, -1.2953



45.5540, 3.1779, 7.4071



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.



46.3300, 13.1483, 29.5286



52.0900, 20.6616, 46.4021



43.1380, 0.9180, 32.3280



38.5380, 0.7208, 2.1592



41.7690, 24.2709, 55.4536



92.5100, 54.4716, 122.3327

Inverse Universe

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



46.3300, 13.1483, 29.5286



52.0900, 20.6616, 46.4021



60.8620, -0.9180, -32.3280



38.5380, 0.7208, 2.1592



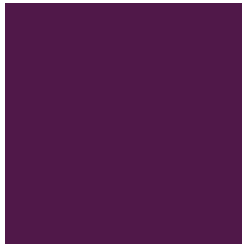
41.7690, 24.2709, 55.4536



92.5100, 54.4716, 122.3327

Previews

White Background



This preview shows how the YUV color 46.3300, 13.1483, 29.5286 looks on a white background.

Color Contrast Check

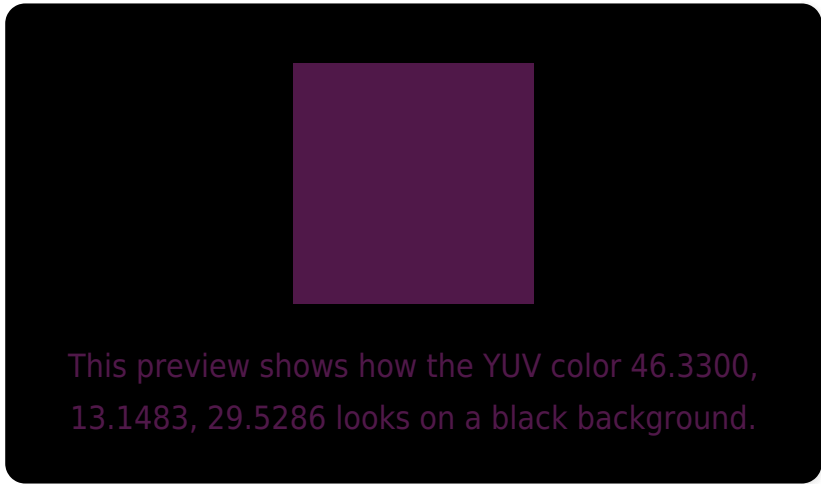
Large Text (above 18pt) WCAG AA ✓ Pass

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

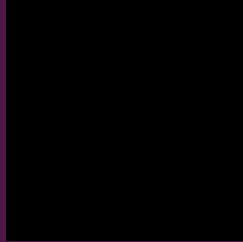
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.3300, 13.1483, 29.5286

Background



This preview shows how black text looks on a background with the YUV color 46.3300, 13.1483, 29.5286.



This preview shows how white text looks on a background with the YUV color 46.3300, 13.1483,

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

46.3300, 13.1483, 29.5286

Protanopia

44.7690, 23.7779, -19.9684

Deuteranopia

48.0020, 10.3520, -7.0178



Tritanopia

47.6010, -4.7333, 24.9059

Trichromacy



Original Color

46.3300, 13.1483, 29.5286

Protanomaly

45.5540, 19.9399, -2.2399

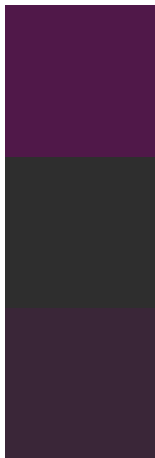
Deuteranomaly

47.3180, 11.1822, 6.7371

Tritanomaly

47.0340, 1.9552, 26.2802

Monochromacy



Original Color

46.3300, 13.1483, 29.5286

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0320, 4.9142, 10.4959

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.3300, 13.1483, 29.5286 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(80, 24, 73)` looks like.

```
.text, #text, p{  
    color:rgb(80, 24, 73)  
}
```

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(80, 24, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 24, 73) }
```

Border

The CSS property to change the border of an element to YUV 46.3300, 13.1483, 29.5286 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(80, 24, 73) }
```


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

```
.border{ border-color:rgb(80, 24, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 24, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 24, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 24, 73);  
box-shadow:4px 4px 4px 4px rgb(80, 24, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.3300, 13.1483, 29.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 24, 73) }
```

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

```
.background{ background-color: rgb(80, 24,  
73) }
```

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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