

Converting Colors

YUV(46.3300, 29.9103, 19.8816)

Have a look what the booklet for
YUV(46.3300, 29.9103, 19.8816)
contains.

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Color

**YUV(46.3300, 29.9103,
19.8816)**

Conversions

Conversions Part 1

Format	Color
Hex	45176B
RGB	69, 23, 107
RGB Percent	27%, 9%, 42%
CMY	0.7294, 0.9098, 0.5804
CMYK	0.36, 0.79, 0.00, 0.58
HSL	273°, 65%, 25%
HSV	273°, 79%, 42%
XYZ	5.4145, 2.9395, 14.1919
YIQ	46.3300, 0.4520, 35.8760

Conversions

Conversions Part 2

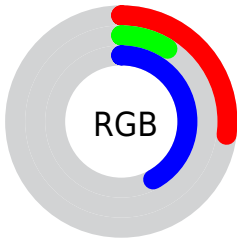
Format	Color
R_{YB}	69, 23, 107
Decimal	4527979
CIE _{Lab}	19.80, 38.08, -39.68
CIE _{LCh}	20, 54.994, 313.818
Yxy	2.9395, 0.2402, 0.1304
Android (android.graphics.Color)	4282718059 (0xFF45176B)
YUV	46.3300, 29.9103, 19.8816
Hunter-Lab	17.1451, 26.3671, -37.0760

Details

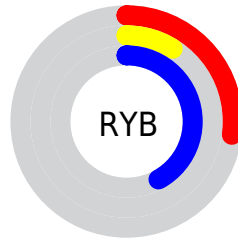
The YUV color **46.3300, 29.9103, 19.8816** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **83.6700, -29.9103, -19.8816**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.9820, 31.0679, 21.9408**, and **13.9020, 22.2333, 8.8559** is the 20% darker color. If you saturate the color by 10%, you get **38.3780, 33.8306, 22.4705**, and if you desaturate by 10%, it is **54.2820, 25.9900, 17.2927**.

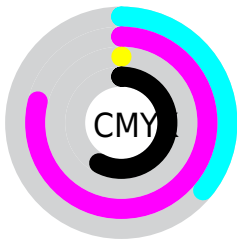
Distribution



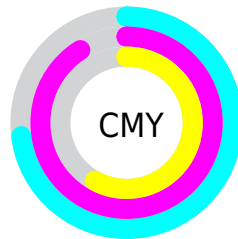
- Red (27%)
- Green (9%)
- Blue (42%)



- Red (27%)
- Yellow (9%)
- Blue (42%)



- Cyan (36%)
- Magenta (79%)
- Yellow (0%)
- Black (58%)



- Cyan (73%)
- Magenta (91%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.3300, 29.9103, 19.8816 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, 29.9103, 19.8816 by changing the saturation by 10% instead.

46.3300, 29.9103,
19.8816

46.3300, 29.9103,
19.8816

255.0000, 0.0000,
0.0000

22.2050, 29.4789,
18.2372

95.9820, 31.0679,
21.9408

13.9020, 22.2333,
8.8559

121.8080, 31.6467,
22.9704

5.2780, 15.1459,
-4.6288

148.6340, 32.2254,
24.0000

1.3680, 5.2416,
-1.1997


175.5740, 33.2410,
24.9296


0.0000, 0.0000,
0.0000


201.4620, 26.3942,
27.6588


224.4760, 15.0483,


26.7695


 240.9120, 6.9454,
12.3552


 46.3300, 29.9103,
19.8816


 46.3300, 29.9103,
19.8816


 38.3780, 33.8306,
22.4705


 54.2820, 25.9900,
17.2927


 31.0130, 37.4616,
24.5446

 61.6470, 22.3590,
15.2186

 29.8390, 38.0404,
25.5742

 69.5990, 18.4387,
12.6297

 77.2520, 14.6658,
9.4260

 85.2040, 10.7454,
6.8371

■ 92.5690, 7.1145,
4.7630

■ 100.5210, 3.1941,
2.1741

■ 108.4730, -0.7262,
-0.4148

■ 115.8380, -4.3571,
-2.4889

Harmonies

Analogous

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



42.7680, 42.0194, -37.5075



46.3300, 29.9103, 19.8816



39.7880, 15.3875, 58.0679

Triad

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



46.3300, 29.9103, 19.8816



45.3290, -22.3472, 27.7755



44.5050, 10.5970, -39.0309

Complementary

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



46.3300, 29.9103, 19.8816



83.6700, -29.9103, -19.8816

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.



39.0160, -7.8959, -34.2170



46.3300, 29.9103, 19.8816



43.3810, -21.3868, -0.3341

Square

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



46.3300, 29.9103, 19.8816



33.1450, -16.3405, 61.2628



34.6330, -17.0741, -30.3731



48.8370, 27.1954, -42.8300

Rectangle

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



46.3300, 29.9103, 19.8816



39.2160, 2.8515, 65.5856



34.6330, -17.0741, -30.3731



42.9090, 4.4819, -37.6312

Sweetspot

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



46.3300, 29.9103, 19.8816



116.1440, 11.7610, 7.7667



55.4690, 25.4048, -28.4753



56.5690, 7.1145, 4.7630



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.



46.3300, 29.9103, 19.8816



44.8750, 46.8966, 31.6816



57.3500, 22.9984, 43.5431



49.5810, 2.1786, 1.2445



32.4740, 41.6713, 27.6483



67.9960, 87.2630, 57.8855

Inverse Universe

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



52.4480, 4.2161, 47.8421



54.3080, 6.7502, 75.1519



72.6500, -22.9984, -43.5430



50.1360, 0.4260, 3.3887



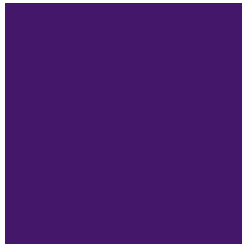
41.0250, 5.9037, 66.6301



85.9090, 12.3699, 139.5228

Previews

White Background



This preview shows how the YUV color 46.3300, 29.9103, 19.8816 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



This preview shows how the YUV color 46.3300, 29.9103, 19.8816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

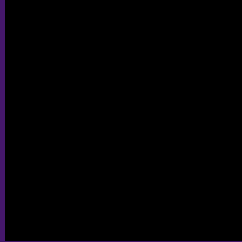
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.3300, 29.9103, 19.8816

Background



This preview shows how black text looks on a background with the YUV color 46.3300, 29.9103, 19.8816.



This preview shows how white text looks on a background with the YUV color 46.3300, 29.9103,

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, 29.9103, 19.8816

Protanopia

38.9890, 30.0784, -34.1934

Tritanopia

49.9300, -0.4585, 7.0774

Trichromacy



Original Color

46.3300, 29.9103, 19.8816

Protanomaly

41.5230, 30.3082, -14.4907

Tritanomaly

48.8240, 10.4398, 11.5554

Monochromacy



Original Color

46.3300, 29.9103, 19.8816

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.2040, 10.7454, 6.8371

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.3300, 29.9103, 19.8816 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(69, 23, 107)` looks like.

```
.text, #text, p{  
    color:rgb(69, 23, 107)  
}
```

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(69, 23, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 23, 107) }
```

Border

The CSS property to change the border of an element to YUV 46.3300, 29.9103, 19.8816 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(69, 23, 107) }
```

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

```
.border{ border-color:rgb(69, 23, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 23, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 23, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 23, 107);  
box-shadow:4px 4px 4px 4px rgb(69, 23,  
107) }
```


Background

The CSS property to change the background color of an element to YUV 46.3300, 29.9103, 19.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 23, 107) }
```

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

```
.background{ background-color: rgb(69, 23,  
107) }
```

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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