

Converting Colors

YUV(29.4580, 19.0012, 18.8923)

Have a look what the booklet for
YUV(29.4580, 19.0012, 18.8923)
contains.

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Color

**YUV(29.4580, 19.0012,
18.8923)**

Conversions

Conversions Part 1

Format	Color
Hex	330B44
RGB	51, 11, 68
RGB Percent	20%, 4%, 27%
CMY	0.8000, 0.9569, 0.7333
CMYK	0.25, 0.84, 0.00, 0.73
HSL	282°, 72%, 15%
HSV	282°, 84%, 27%
XYZ	2.5283, 1.3605, 5.5982
YIQ	29.4580, 5.5430, 26.2070

Conversions

Conversions Part 2

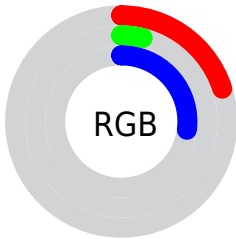
Format	Color
R_{YB}	51, 11, 68
Decimal	3345220
CIE _{Lab}	11.69, 29.89, -26.62
CIE _{LCh}	12, 40.031, 318.311
Yxy	1.3605, 0.2665, 0.1434
Android (android.graphics.Color)	4281535300 (0xFF330B44)
YUV	29.4580, 19.0012, 18.8923
Hunter-Lab	11.6641, 18.2795, -20.2915




Details

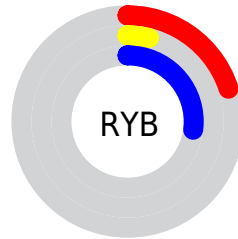
The YUV color **29.4580, 19.0012, 18.8923** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **49.5420, -19.0012, -18.8923**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **76.6970, 19.8694, 20.4367**, and **3.3230, 10.1938, -2.9143** is the 20% darker color. If you saturate the color by 10%, you get **24.7510, 21.3218, 21.2664**, and if you desaturate by 10%, it is **34.1650, 16.6807, 16.5183**.

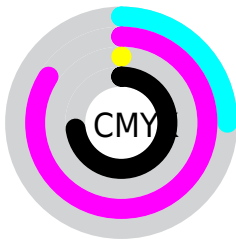
Distribution







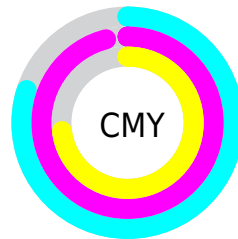
-  Red (20%)
-  Green (4%)
-  Blue (27%)






-  Red (20%)
-  Yellow (4%)
-  Blue (27%)



-  Cyan (25%)
-  Magenta (84%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (80%)
-  Magenta (96%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.4580, 19.0012, 18.8923 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 29.4580, 19.0012, 18.8923 by changing the saturation by 10% instead.

■ 29.4580, 19.0012,
18.8923

■ 29.4580, 19.0012,
18.8923

■ 247.3690, 3.7621,
6.6924

■ 14.5130, 15.5231,
14.4591

■ 76.6970, 19.8694,
20.4367

■ 3.3230, 10.1938,
-2.9143

■ 101.4090, 20.0114,
21.5663

■ 0.0000, 0.0000,
0.0000

■ 126.9360, 20.7376,
21.9811


■ 153.3490, 21.0269,
22.4959


■ 180.2890, 22.0425,
23.4255


■ 208.0010, 22.1845,


24.5551


 230.3460, 12.1544,
21.6216


 29.4580, 19.0012,
18.8923


 29.4580, 19.0012,
18.8923


 24.7510, 21.3218,
21.2664


 34.1650, 16.6807,
16.5183

 22.1040, 22.6267,
22.7108

 38.8720, 14.3601,
14.1443

 42.9920, 12.3289,
12.2850

 47.6990, 10.0084,
9.9110

 52.4060, 7.6878,
7.5369

■ 57.1130, 5.3673,
5.1629

■ 61.8200, 3.0467,
2.7889

■ 65.9400, 1.0156,
0.9296

■ 70.6470, -1.3050,
-1.4444

Harmonies

Analogous

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



26.5990, 28.2987, -23.3273



29.4580, 19.0012, 18.8923



26.4300, 8.1690, 39.9649

Triad

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



29.4580, 19.0012, 18.8923



29.6140, -14.5997, 16.1245



30.5990, 8.0857, -26.8353

Complementary

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



29.4580, 19.0012, 18.8923



49.5420, -19.0012, -18.8923

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.



26.8200, -3.8553, -23.5211



29.4580, 19.0012, 18.8923



27.7210, -13.6665, -3.2633

Square

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



29.4580, 19.0012, 18.8923



25.3160, -12.4808, 36.5569



22.8930, -11.2862, -20.0772



32.2750, 19.5844, -28.3052

Rectangle

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



29.4580, 19.0012, 18.8923



25.5740, -0.2830, 44.2236



22.8930, -11.2862, -20.0772



29.5730, 4.1545, -25.9355

Sweetspot

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



29.4580, 19.0012, 18.8923



74.2920, 7.2510, 7.6369



27.4770, 19.9778, -14.4503



36.5860, 4.6411, 4.7481



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



29.4580, 19.0012, 18.8923



28.9830, 29.5884, 29.8329



33.2870, 11.6905, 30.4433



30.9400, 1.0156, 0.9296



31.3900, 32.3457, 32.1070



72.4790, 74.6999, 74.1249

Inverse Universe

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



29.9810, -0.9766, 33.3427



29.6890, -1.3257, 52.0157



45.7130, -11.6905, -30.4433



31.0110, -0.0054, 1.7444



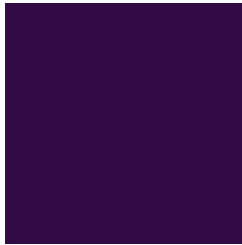
32.3090, -1.6313, 56.7340



74.6140, -3.7537, 131.0115

Previews

White Background



This preview shows how the YUV color 29.4580, 19.0012, 18.8923 looks on a white background.

Color Contrast Check

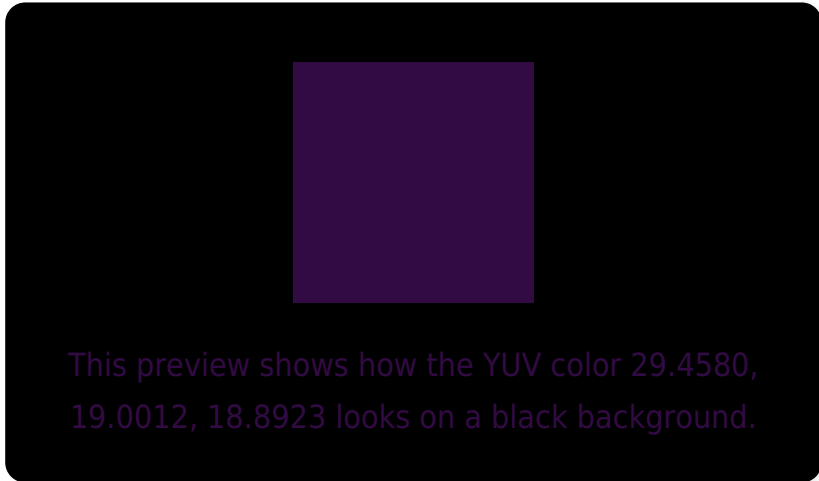
Large Text (above 18pt) WCAG AA ✓ Pass

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

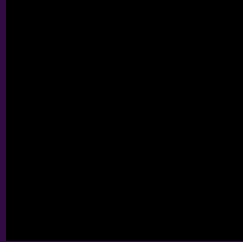
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 29.4580, 19.0012, 18.8923

Background



This preview shows how black text looks on a background with the YUV color 29.4580, 19.0012, 18.8923.



This preview shows how white text looks on a background with the YUV color 29.4580, 19.0012,

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

29.4580, 19.0012, 18.8923

Protanopia

26.4220, 20.0050, -23.1721

Deuteranopia

26.6840, 15.9318, -23.4019



Tritanopia

33.3110, -1.6323, 10.2513

Trichromacy



Original Color

29.4580, 19.0012, 18.8923

Protanomaly

27.4070, 19.5193, -7.3729

Deuteranomaly

28.0110, 16.7566, -7.9026

Tritanomaly

31.9830, 5.9244, 13.1699

Monochromacy



Original Color

29.4580, 19.0012, 18.8923

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.8790, 6.9617, 7.1221

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.4580, 19.0012, 18.8923 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(51, 11, 68)` looks like.

```
.text, #text, p{  
    color:rgb(51, 11, 68)  
}
```

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(51, 11, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 11, 68) }
```

Border

The CSS property to change the border of an element to YUV 29.4580, 19.0012, 18.8923 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(51, 11, 68) }
```


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

```
.border{ border-color:rgb(51, 11, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 11, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 11, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 11, 68);  
box-shadow:4px 4px 4px 4px rgb(51, 11, 68)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.4580, 19.0012, 18.8923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 11, 68) }
```

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

```
.background{ background-color: rgb(51, 11,  
68) }
```

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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