

Converting Colors

YUV(30.3680, -1.1674, 47.9123)

Have a look what the booklet for
YUV(30.3680, -1.1674, 47.9123)
contains.

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Color

**YUV(30.3680, -1.1674,
47.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	55031C
RGB	85, 3, 28
RGB Percent	33%, 1%, 11%
CMY	0.6667, 0.9882, 0.8902
CMYK	0.00, 0.96, 0.67, 0.67
HSL	342°, 93%, 17%
HSV	342°, 96%, 33%
XYZ	3.9885, 2.0803, 1.2899
YIQ	30.3680, 40.8470, 25.1590

Conversions

Conversions Part 2

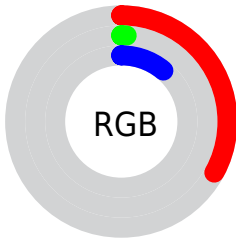
Format	Color
R_{YB}	85, 3, 28
Decimal	5571356
CIE Lab	15.90, 36.24, 9.41
CIE LCh	16, 37.440, 14.560
Yxy	2.0803, 0.5420, 0.2827
Android (android.graphics.Color)	4283761436 (0xFF55031C)
YUV	30.3680, -1.1674, 47.9123
Hunter-Lab	14.4231, 24.1208, 4.7936




Details

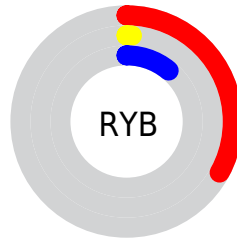
The YUV color **30.3680, -1.1674, 47.9123** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **57.6320, 1.1674, -47.9123**, and the grayscale version is **30.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **83.4130, -6.1196, 49.6268**, and **9.6820, -4.2802, 19.5729** is the 20% darker color. If you saturate the color by 10%, you get **28.3790, -1.1728, 49.6566**, and if you desaturate by 10%, it is **36.3350, -1.1512, 42.6792**.

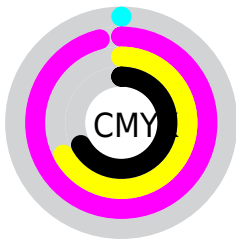
Distribution







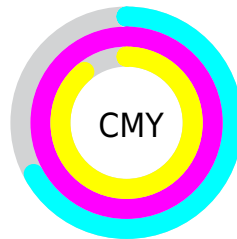
-  Red (33%)
-  Green (1%)
-  Blue (11%)






-  Red (33%)
-  Yellow (1%)
-  Blue (11%)



-  Cyan (0%)
-  Magenta (96%)
-  Yellow (67%)
-  Black (67%)





-  Cyan (67%)
-  Magenta (99%)
-  Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the YUV color 30.3680, -1.1674, 47.9123 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 30.3680, -1.1674, 47.9123 by changing the saturation by 10% instead.


 30.3680, -1.1674,
47.9123


 30.3680, -1.1674,
47.9123

 249.1300, 2.8939,
5.1480

 18.0540, -8.4076,
36.7866


 83.4130, -6.1196,
49.6268

 9.6820, -4.2802,
19.5729

 109.1960, -6.9986,
51.5711

 0.0000, 0.0000,
0.0000

 135.5660, -8.1670,
53.0006

 162.7620, -8.7567,
55.4597

 190.2460, -9.4883,
56.7893

 209.2870, -5.0715,

40.0903

■ 229.5020, -1.2335,
22.3617

■ 30.3680, -1.1674,
47.9123

■ 30.3680, -1.1674,
47.9123

■ 28.3790, -1.1728,
49.6566

■ 36.3350, -1.1512,
42.6792

■ 41.7150, -0.8455,
37.9609

■ 47.6820, -0.8292,
32.7279

■ 53.0620, -0.5236,
28.0096

■ 59.0290, -0.5073,
22.7766

■ 64.2950, -0.6384,
18.1583

■ 70.2620, -0.6222,
12.9252

■ 75.6420, -0.3165,
8.2070

■ 81.0220, -0.0108,
3.4887

Harmonies

Analogous

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



33.8860, 9.9162, 39.5650



30.3680, -1.1674, 47.9123



34.4750, -16.9962, 38.1714

Triad

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



30.3680, -1.1674, 47.9123



29.3830, -14.4858, -20.5069



37.9630, 26.1472, -33.2936

Complementary

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



30.3680, -1.1674, 47.9123



57.6320, 1.1674, -47.9123

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.



38.1280, 19.1639, -33.4383



30.3680, -1.1674, 47.9123



32.0860, -3.9864, -28.1394

Square

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



30.3680, -1.1674, 47.9123



36.0160, -17.7559, 1.7400



35.8650, 7.9546, -31.4536



33.3810, 28.8992, -29.2751

Rectangle

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



30.3680, -1.1674, 47.9123



37.3550, -18.4160, 26.8757



35.8650, 7.9546, -31.4536



38.2080, 24.5475, -33.5084

Sweetspot

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



30.3680, -1.1674, 47.9123



88.7080, -0.3490, 18.6731



29.0920, 27.5626, 26.2293



42.6640, -0.3274, 11.6957



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



30.3680, -1.1674, 47.9123



36.6520, -1.8004, 64.3262



36.3230, -16.4282, 42.6897



40.3100, -0.1528, 2.3591



35.7550, -1.3582, 62.4819



78.4730, -3.1912, 137.2742

Inverse Universe

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



30.3680, -1.1674, 47.9123



36.6520, -1.8004, 64.3262



51.6770, 16.4282, -42.6897



40.3100, -0.1528, 2.3591



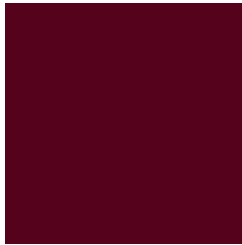
35.7550, -1.3582, 62.4819



78.4730, -3.1912, 137.2742

Previews

White Background



This preview shows how the YUV color 30.3680, -1.1674, 47.9123 looks on a white background.

Color Contrast Check

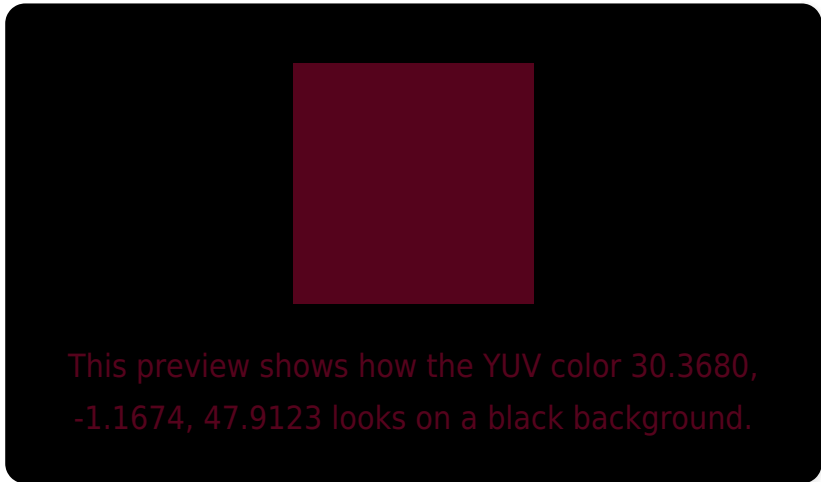
Large Text (above 18pt) WCAG AA ✓ Pass

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

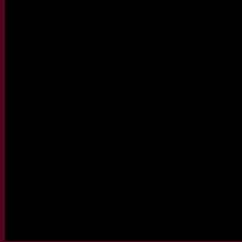
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 30.3680, -1.1674, 47.9123

Background



This preview shows how black text looks on a background with the YUV color 30.3680, -1.1674, 47.9123.



This preview shows how white text looks on a background with the YUV color 30.3680, -1.1674,

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

30.3680, -1.1674, 47.9123

Protanopia

43.3700, -1.1684, 1.4295

Deuteranopia

42.6500, -9.1944, 9.0770



Tritanopia

33.5990, -11.6343, 45.0787

Trichromacy



Original Color

30.3680, -1.1674, 47.9123

Protanomaly

38.4800, -1.2226, 18.8730

Deuteranomaly

38.1340, -6.4751, 23.5615

Tritanomaly

32.6360, -7.7085, 45.9232

Monochromacy



Original Color

30.3680, -1.1674, 47.9123

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

29.9960, -0.4910, 17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.3680, -1.1674, 47.9123 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(85, 3, 28)` looks like.

```
.text, #text, p{  
    color:rgb(85, 3, 28)  
}
```

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(85, 3, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 3, 28) }
```

Border

The CSS property to change the border of an element to YUV 30.3680, -1.1674, 47.9123 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(85, 3, 28) }
```


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

```
.border{ border-color:rgb(85, 3, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 3, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 3, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(85, 3, 28); box-shadow:4px  
4px 4px 4px rgb(85, 3, 28) }
```

Background

The CSS property to change the background color of an element to YUV 30.3680, -1.1674, 47.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 3, 28) }
```

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

```
.background{ background-color: rgb(85, 3,  
28) }
```

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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