

Converting Colors

YUV(58.1570, 29.0096, 28.8033)

Have a look what the booklet for
YUV(58.1570, 29.0096, 28.8033)
contains.

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Color

**YUV(58.1570, 29.0096,
28.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	5B1E75
RGB	91, 30, 117
RGB Percent	36%, 12%, 46%
CMY	0.6431, 0.8824, 0.5412
CMYK	0.22, 0.74, 0.00, 0.54
HSL	282°, 59%, 29%
HSV	282°, 74%, 46%
XYZ	7.9895, 4.4370, 17.2650
YIQ	58.1570, 8.4290, 39.9890

Conversions

Conversions Part 2

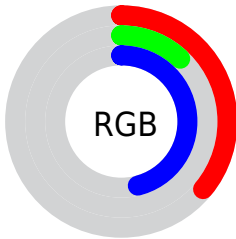
Format	Color
R_{YB}	91, 30, 117
Decimal	5971573
CIE _{Lab}	25.07, 42.02, -37.45
CIE _{LCh}	25, 56.281, 318.291
Yxy	4.4370, 0.2691, 0.1494
Android (android.graphics.Color)	4284161653 (0xFF5B1E75)
YUV	58.1570, 29.0096, 28.8033
Hunter-Lab	21.0643, 30.8413, -33.8509

Details

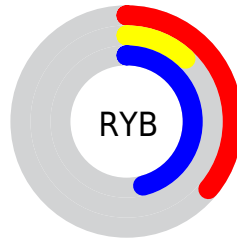
The YUV color **58.1570, 29.0096, 28.8033** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **88.8430, -29.0096, -28.8033**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.3960, 29.8778, 30.3477**, and **20.0110, 23.6586, 18.4074** is the 20% darker color. If you saturate the color by 10%, you get **50.2160, 32.9245, 33.1366**, and if you desaturate by 10%, it is **66.0980, 25.0947, 24.4701**.

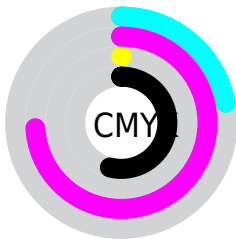
Distribution



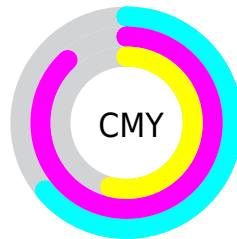
- Red (36%)
- Green (12%)
- Blue (46%)



- Red (36%)
- Yellow (12%)
- Blue (46%)



- Cyan (22%)
- Magenta (74%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (88%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.1570, 29.0096, 28.8033 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 58.1570, 29.0096, 28.8033 by changing the saturation by 10% instead.

■ 58.1570, 29.0096,
28.8033

■ 58.1570, 29.0096,
28.8033

■ 255.0000, 0.0000,
0.0000

■ 30.5100, 30.3146,
30.2477

■ 109.3960, 29.8778,
30.3477

■ 20.0110, 23.6586,
18.4074

■ 136.1080, 30.0198,
31.4773

■ 9.0170, 17.7396,
3.4931

■ 162.9340, 30.5985,
32.5069

■ 3.2090, 9.7570,
-2.8143

■ 190.4610, 31.3247,
32.9217


■ 0.0000, 0.0000,
0.0000


■ 214.4970, 19.9680,
35.5211


■ 230.9330, 11.8650,


21.1068


 247.9560, 3.4727,
6.1776


 58.1570, 29.0096,
28.8033


 58.1570, 29.0096,
28.8033


 50.2160, 32.9245,
33.1366


 66.0980, 25.0947,
24.4701


 42.5630, 36.6974,
36.3402

 73.7510, 21.3218,
21.2664

 37.8560, 39.0180,
38.7143

 81.6920, 17.4068,
16.9331

 89.9320, 13.3445,
13.2146

 97.8730, 9.4296,
8.8814

■ 105.5260, 5.6567,
5.6777

■ 113.4670, 1.7418,
1.3444

■ 121.7070, -2.3206,
-2.3740

■ 129.0610, -5.9461,
-6.1925

Harmonies

Analogous

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



49.0600, 45.8194, -43.0256



58.1570, 29.0096, 28.8033



45.9680, 15.7918, 68.4341

Triad

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



58.1570, 29.0096, 28.8033



56.8360, -28.0201, 27.3308



54.3020, 15.1341, -47.6229

Complementary

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



58.1570, 29.0096, 28.8033



88.8430, -29.0096, -28.8033

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.



48.6990, -3.7956, -42.7090



58.1570, 29.0096, 28.8033



53.1050, -26.1808, -2.7231

Square

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



58.1570, 29.0096, 28.8033



49.9460, -24.6234, 57.9294



42.2640, -20.8362, -37.0655



58.6340, 31.7324, -51.4220

Rectangle

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



58.1570, 29.0096, 28.8033



44.8690, 2.5296, 75.5369



42.2640, -20.8362, -37.0655



52.7060, 9.0189, -46.2232

Sweetspot

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



58.1570, 29.0096, 28.8033



130.0520, 11.3134, 11.3554



55.1800, 30.4773, -22.0829



63.4660, 6.6723, 6.6073



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



58.1570, 29.0096, 28.8033



60.9090, 45.4009, 44.8068



63.9930, 17.7515, 46.4871



54.8800, 2.0312, 1.8592



39.6220, 40.6124, 40.6735



80.8250, 83.4033, 82.5915

Inverse Universe

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



58.9770, -1.4677, 50.8862



62.3380, -2.1386, 79.5106



83.0070, -17.7515, -46.4871



55.0220, -0.0108, 3.4887



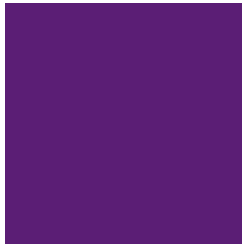
40.6960, -1.8221, 71.3036



83.3000, -4.0919, 146.1959

Previews

White Background



This preview shows how the YUV color 58.1570, 29.0096, 28.8033 looks on a white background.

Color Contrast Check

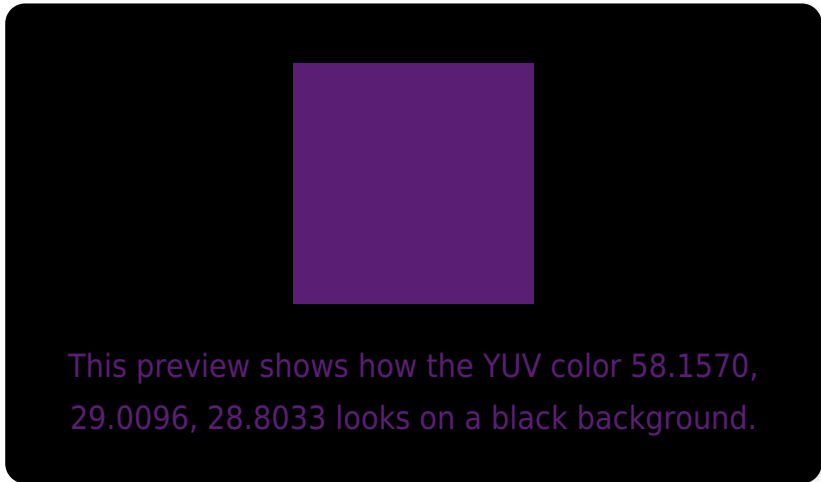
Large Text (above 18pt) WCAG AA ✓ Pass

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

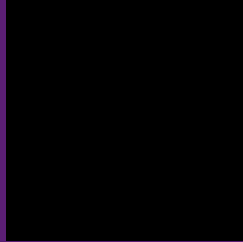
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.1570, 29.0096, 28.8033

Background



This preview shows how black text looks on a background with the YUV color 58.1570, 29.0096, 28.8033.



This preview shows how white text looks on a background with the YUV color 58.1570, 29.0096,

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

58.1570, 29.0096, 28.8033

Protanopia

48.1820, 37.3783, -42.2556

Deuteranopia

48.8200, 29.6687, -42.8151



Tritanopia

61.4260, -2.6750, 18.0434

Trichromacy



Original Color

58.1570, 29.0096, 28.8033

Protanomaly

51.8370, 34.0974, -16.5200

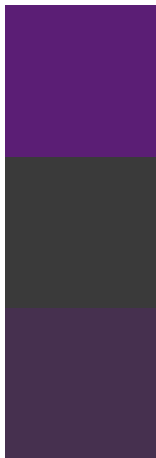
Deuteranomaly

51.9850, 29.5874, -16.6498

Tritanomaly

60.1350, 8.8074, 21.8066

Monochromacy



Original Color

58.1570, 29.0096, 28.8033

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1120, 10.2978, 10.4258

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.1570, 29.0096, 28.8033 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(91, 30, 117)` looks like.

```
.text, #text, p{  
    color:rgb(91, 30, 117)  
}
```

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(91, 30, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 30, 117) }
```

Border

The CSS property to change the border of an element to YUV 58.1570, 29.0096, 28.8033 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(91, 30, 117) }
```


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

```
.border{ border-color:rgb(91, 30, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 30, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 30, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 30, 117);  
box-shadow:4px 4px 4px 4px rgb(91, 30,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 58.1570, 29.0096, 28.8033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 30, 117) }
```

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

```
.background{ background-color: rgb(91, 30,  
117) }
```

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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