

Converting Colors

YUV(58.5930, -5.7153, 59.9929)

Have a look what the booklet for
YUV(58.5930, -5.7153, 59.9929)
contains.

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Color

**YUV(58.5930, -5.7153,
59.9929)**

Conversions

Conversions Part 1

Format	Color
Hex	7F1A2F
RGB	127, 26, 47
RGB Percent	50%, 10%, 18%
CMY	0.5020, 0.8980, 0.8157
CMYK	0.00, 0.80, 0.63, 0.50
HSL	348°, 66%, 30%
HSV	348°, 80%, 50%
XYZ	9.6349, 5.4561, 3.2346
YIQ	58.5930, 53.4550, 27.9430

Conversions

Conversions Part 2

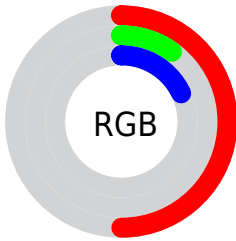
Format	Color
R_{YB}	127, 26, 47
Decimal	8329775
CIE Lab	28.00, 43.49, 13.91
CIE LCh	28, 45.666, 17.740
Yxy	5.4561, 0.5258, 0.2977
Android (android.graphics.Color)	4286519855 (0xFF7F1A2F)
YUV	58.5930, -5.7153, 59.9929
Hunter-Lab	23.3582, 32.7516, 8.1403

Details

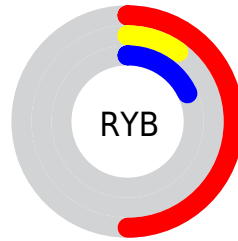
The YUV color **58.5930, -5.7153, 59.9929** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **94.4070, 5.7153, -59.9929**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8770, -9.7994, 63.2519**, and **21.5280, -10.6133, 44.2639** is the 20% darker color. If you saturate the color by 10%, you get **49.8220, -6.3212, 67.6851**, and if you desaturate by 10%, it is **67.3640, -5.1095, 52.3008**.

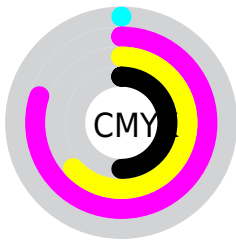
Distribution



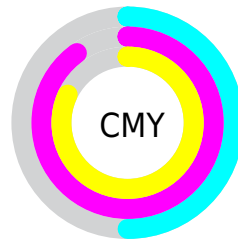
- Red (50%)
- Green (10%)
- Blue (18%)



- Red (50%)
- Yellow (10%)
- Blue (18%)



- Cyan (0%)
- Magenta (80%)
- Yellow (63%)
- Black (50%)



- Cyan (50%)
- Magenta (90%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.5930, -5.7153, 59.9929 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 58.5930, -5.7153, 59.9929 by changing the saturation by 10% instead.

■ 58.5930, -5.7153,
59.9929

■ 58.5930, -5.7153,
59.9929

255.0000, 0.0000,
0.0000

■ 32.5650, -3.2365,
58.2635

■ 112.8770, -9.7994,
63.2519

■ 21.5280, -10.6133,
44.2639

■ 139.5460,
-11.1152, 65.2962

■ 13.9820, -5.9071,
28.0798

■ 167.3290,
-11.9942, 67.2405

■ 0.0000, 0.0000,
0.0000

■ 189.4310,
-10.0725, 57.5040

■ 208.9450, -6.3819,
40.3902

■ 228.5730, -2.2545,

23.1765

248.9020, 2.0203,
5.3479

58.5930, -5.7153,
59.9929

58.5930, -5.7153,
59.9929

49.8220, -6.3212,
67.6851

67.3640, -5.1095,
52.3008

41.6380, -7.2165,
74.8625

75.5480, -4.2142,
45.1234

40.9370, -7.3639,
75.4773

84.3190, -3.6083,
37.4312

93.0900, -3.0024,
29.7391

101.2740, -2.1071,
22.5617

■ 110.0450, -1.5012,
14.8695

■ 118.8160, -0.8953,
7.1774

■ 127.5870, -0.2894,
-0.5148

■ 135.8850, 1.0427,
-7.7921

Harmonies

Analogous

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



61.3760, 10.1676, 52.2902



58.5930, -5.7153, 59.9929



61.4070, -23.8647, 47.8781

Triad

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



58.5930, -5.7153, 59.9929



49.5570, -18.5156, -34.6915



58.8280, 37.5528, -51.5922

Complementary

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



58.5930, -5.7153, 59.9929



94.4070, 5.7153, -59.9929

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.



60.4120, 28.3909, -52.9813



58.5930, -5.7153, 59.9929



53.2470, -1.6008, -46.6976

Square

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



58.5930, -5.7153, 59.9929



60.2150, -29.6860, 1.5654



58.0520, 14.2714, -50.9116



59.1340, 36.9089, -31.6895

Rectangle

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



58.5930, -5.7153, 59.9929



62.1960, -30.6626, 34.9081



58.0520, 14.2714, -50.9116



60.1330, 34.9374, -52.7366

Sweetspot

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



58.5930, -5.7153, 59.9929



138.8720, -2.4019, 23.7913



61.1350, 32.4714, 38.4696



67.7460, -1.3538, 14.2548



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



58.5930, -5.7153, 59.9929



59.0040, -8.8760, 93.8355



73.2220, -23.2804, 47.1633



59.3210, -0.1583, 4.1035



41.3500, -7.0746, 75.9921



0.0000, 0.0000, 0.0000

Inverse Universe

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



58.5930, -5.7153, 59.9929



59.0040, -8.8760, 93.8355



79.7780, 23.2804, -47.1633



59.3210, -0.1583, 4.1035



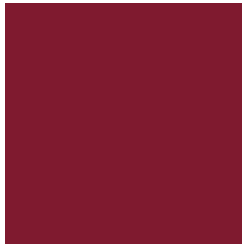
41.3500, -7.0746, 75.9921



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 58.5930, -5.7153, 59.9929 looks on a white background.

Color Contrast Check

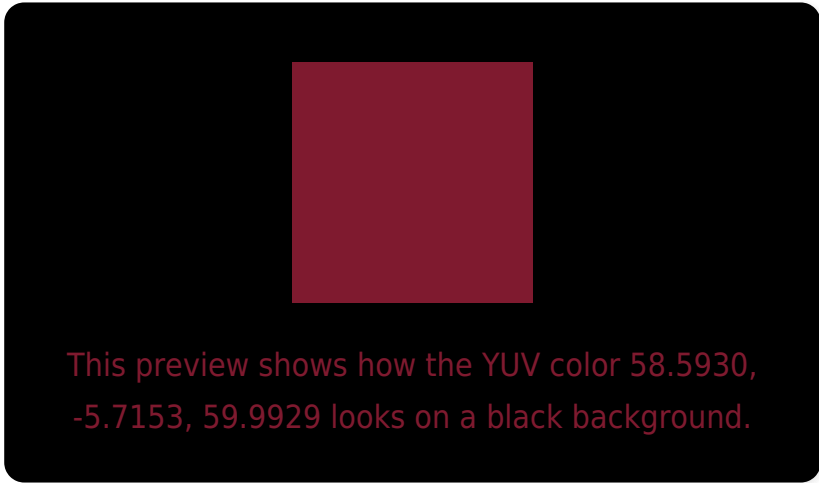
Large Text (above 18pt) WCAG AA ✓ Pass

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

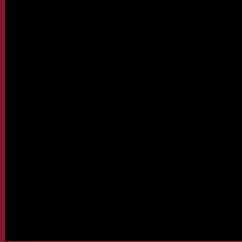
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.5930, -5.7153, 59.9929

Background



This preview shows how black text looks on a background with the YUV color 58.5930, -5.7153, 59.9929.



This preview shows how white text looks on a background with the YUV color 58.5930, -5.7153,

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

58.5930, -5.7153, 59.9929

Protanopia

68.2560, -1.6052, 1.5295

Deuteranopia

67.4610, -12.5523, 12.7507



Tritanopia

58.7040, -14.1511, 59.0186

Trichromacy



Original Color

58.5930, -5.7153, 59.9929

Protanomaly

64.9320, -3.4175, 22.8616

Deuteranomaly

64.2550, -9.9857, 29.5944

Tritanomaly

58.8010, -11.2409, 58.9335

Monochromacy



Original Color

58.5930, -5.7153, 59.9929

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9750, -1.9597, 21.9469

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.5930, -5.7153, 59.9929 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(127, 26, 47)` looks like.

```
.text, #text, p{  
    color:rgb(127, 26, 47)  
}
```

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(127, 26, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 26, 47) }
```

Border

The CSS property to change the border of an element to YUV 58.5930, -5.7153, 59.9929 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(127, 26, 47) }
```


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

```
.border{ border-color:rgb(127, 26, 47) }
```

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

Here you see how a box with a 4 pixel rgb(127, 26, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 26, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 26, 47);  
box-shadow:4px 4px 4px 4px rgb(127, 26,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 58.5930, -5.7153, 59.9929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 26, 47) }
```

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

```
.background{ background-color: rgb(127, 26,  
47) }
```

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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