

Converting Colors

YUV(59.2920, -15.9200,
66.3959)

Have a look what the booklet for
YUV(59.2920, -15.9200, 66.3959)
contains.

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Color

**YUV(59.2920, -15.9200,
66.3959)**

Conversions

Conversions Part 1

Format	Color
Hex	871B1B
RGB	135, 27, 27
RGB Percent	53%, 11%, 11%
CMY	0.4706, 0.8941, 0.8941
CMYK	0.00, 0.80, 0.80, 0.47
HSL	0°, 67%, 32%
HSV	0°, 80%, 53%
XYZ	10.5814, 6.0139, 1.6400
YIQ	59.2920, 64.3680, 22.8960

Conversions

Conversions Part 2

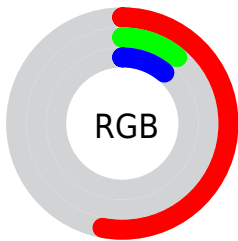
Format	Color
RYB	135, 27, 27
Decimal	8854299
CIELab	29.45, 44.64, 28.97
CIELCh	29, 53.212, 32.980
Yxy	6.0139, 0.5803, 0.3298
Android (android.graphics.Color)	4287044379 (0xFF871B1B)
YUV	59.2920, -15.9200, 66.3959
Hunter-Lab	24.5232, 34.1046, 13.2012

Details

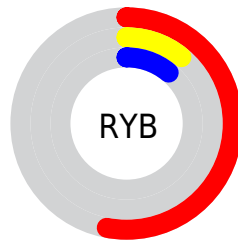
The YUV color **59.2920, -15.9200, 66.3959** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **102.7080, 15.9200, -66.3959**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9460, -21.1724, 71.0844**, and **23.0230, -11.3503, 47.3378** is the 20% darker color. If you saturate the color by 10%, you get **49.4780, -17.9837, 75.0028**, and if you desaturate by 10%, it is **69.1060, -13.8563, 57.7890**.

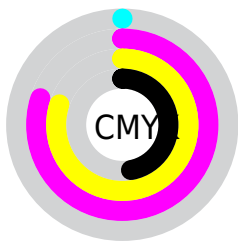
Distribution



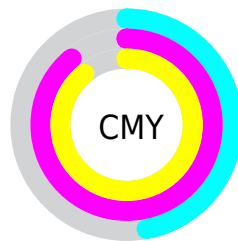
- Red (53%)
- Green (11%)
- Blue (11%)



- Red (53%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (47%)



- Cyan (47%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.2920, -15.9200, 66.3959 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 59.2920, -15.9200, 66.3959 by changing the saturation by 10% instead.

■ 59.2920, -15.9200,
66.3959

■ 59.2920, -15.9200,
66.3959

255.0000, 0.0000,
0.0000

■ 32.0360, -14.3147,
64.8664

■ 113.9460,
-21.1724, 71.0844

■ 23.0230, -11.3503,
47.3378

■ 141.5010,
-22.9250, 73.2286

■ 15.7760, -6.7916,
31.7684

■ 168.5830,
-23.9514, 75.7877

■ 0.0000, 0.0000,
0.0000

■ 187.8690,
-21.1344, 58.8739

■ 207.3830,
-17.4438, 41.7601

■ 226.8970,

-13.7532, 24.6463

247.2260, -9.4784,
6.8178

59.2920, -15.9200,
66.3959

59.2920, -15.9200,
66.3959

49.4780, -17.9837,
75.0028

69.1060, -13.8563,
57.7890

40.3650, -19.8999,
82.9949

78.2190, -11.9400,
49.7969

88.0330, -9.8763,
41.1901

97.1460, -7.9600,
33.1980

106.2590, -6.0437,
25.2059

■ 116.0730, -3.9800,
16.5990

■ 125.8870, -1.9163,
7.9921

■ 135.0000, 0.0000,
0.0000

■ 144.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



52.1340, 7.3289, 76.1815



59.2920, -15.9200, 66.3959



64.6100, -31.8527, 43.3150

Triad

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



59.2920, -15.9200, 66.3959



52.6140, -11.6417, -46.1425



60.8800, 45.4152, -53.3918

Complementary

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



59.2920, -15.9200, 66.3959



102.7080, 15.9200, -66.3959

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.



65.0230, 38.4427, -57.0252



59.2920, -15.9200, 66.3959



59.3910, 6.7092, -52.0859

Square

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



59.2920, -15.9200, 66.3959



58.0340, -28.6108, -16.6928



64.0650, 24.6180, -56.1850



69.7620, 34.6273, 0.2087

Rectangle

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



59.2920, -15.9200, 66.3959



65.6740, -32.3773, 24.8419



64.0650, 24.6180, -56.1850



63.1140, 43.8208, -55.3510

Sweetspot

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



59.2920, -15.9200, 66.3959



146.5580, -6.1911, 25.8206



71.6040, 31.2542, 55.5983



70.7740, -3.8326, 15.9842



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



59.2920, -15.9200, 66.3959



57.5310, -24.9118, 103.8973



90.9900, -31.5471, 38.5968



61.7940, -0.8844, 3.6887



38.8700, -19.1629, 79.9210



0.8970, -0.4422, 1.8443

Inverse Universe

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



102.7080, 15.9200, -66.3959



125.4690, 24.9118, -103.8973



71.0100, 31.5471, -38.5968



64.2060, 0.8844, -3.6887



91.1300, 19.1629, -79.9210



2.1030, 0.4422, -1.8443

Previews

White Background



This preview shows how the YUV color 59.2920, -15.9200, 66.3959 looks on a white background.

Color Contrast Check

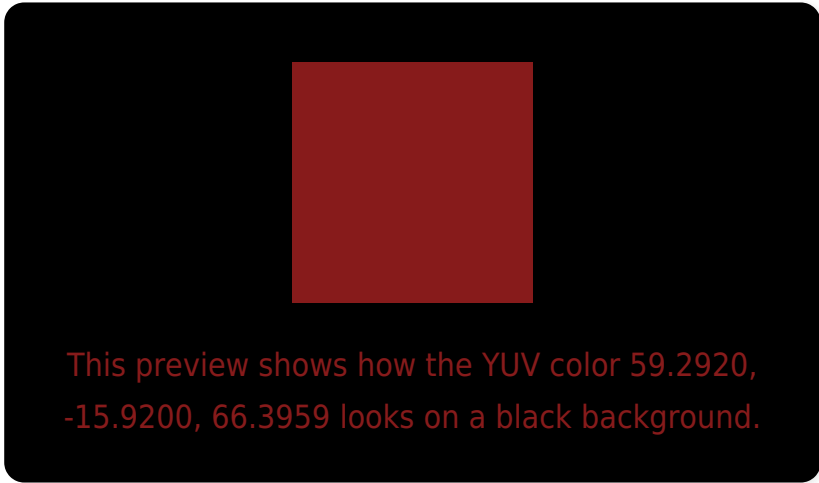
Large Text (above 18pt) WCAG AA ✓ Pass

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

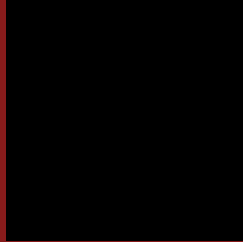
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.2920, -15.9200, 66.3959

Background



This preview shows how black text looks on a background with the YUV color 59.2920, -15.9200, 66.3959.



This preview shows how white text looks on a background with the YUV color 59.2920, -15.9200,

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

59.2920, -15.9200, 66.3959

Protanopia

69.4450, -15.0094, 7.5027

Deuteranopia

68.5790, -24.9354, 17.9092



Tritanopia

59.2920, -15.9200, 66.3959

Trichromacy



Original Color

59.2920, -15.9200, 66.3959

Protanomaly

65.8760, -15.2219, 29.0497

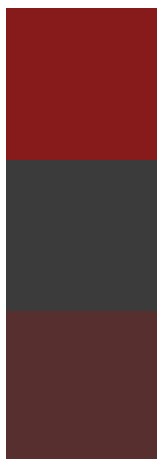
Deuteranomaly

65.1990, -21.7901, 35.7825

Tritanomaly

59.2920, -15.9200, 66.3959

Monochromacy



Original Color

59.2920, -15.9200, 66.3959

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9600, -5.8963, 24.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.2920, -15.9200, 66.3959 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(135, 27, 27)` looks like.

```
.text, #text, p{  
    color:rgb(135, 27, 27)  
}
```

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(135, 27, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 27, 27) }
```

Border

The CSS property to change the border of an element to YUV 59.2920, -15.9200, 66.3959 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(135, 27, 27) }
```


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

```
.border{ border-color:rgb(135, 27, 27) }
```

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

Here you see how a box with a 4 pixel rgb(135, 27, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 27, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 27, 27);  
box-shadow:4px 4px 4px 4px rgb(135, 27,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 59.2920, -15.9200, 66.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 27, 27) }
```

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

```
.background{ background-color: rgb(135, 27,  
27) }
```

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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