

Converting Colors

YUV(59.3220, -17.9067,
97.0646)

Have a look what the booklet for
YUV(59.3220, -17.9067, 97.0646)
contains.

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Color

**YUV(59.3220, -17.9067,
97.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	AA0A17
RGB	170, 10, 23
RGB Percent	67%, 4%, 9%
CMY	0.3333, 0.9608, 0.9098
CMYK	0.00, 0.94, 0.86, 0.33
HSL	355°, 89%, 35%
HSV	355°, 94%, 67%
XYZ	16.8408, 8.8250, 1.6264
YIQ	59.3220, 91.1870, 37.9630

Conversions

Conversions Part 2

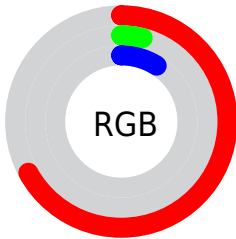
Format	Color
R_{YB}	170, 10, 23
Decimal	11143703
CIE Lab	35.65, 58.22, 39.79
CIE LCh	36, 70.519, 34.348
Yxy	8.8250, 0.6171, 0.3234
Android (android.graphics.Color)	4289333783 (0xFFAA0A17)
YUV	59.3220, -17.9067, 97.0646
Hunter-Lab	29.7069, 49.2041, 17.5488

Details

The YUV color **59.3220, -17.9067, 97.0646** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **120.6780, 17.9067, -97.0646**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3790, -27.7948, 95.2606**, and **32.2920, -15.9200, 66.3959** is the 20% darker color. If you saturate the color by 10%, you get **52.4260, -18.9440, 103.1124**, and if you desaturate by 10%, it is **71.1250, -15.8376, 86.7134**.

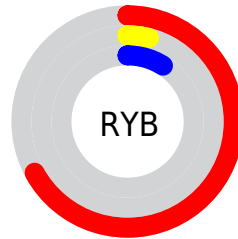
Distribution



Red (67%)

Green (4%)

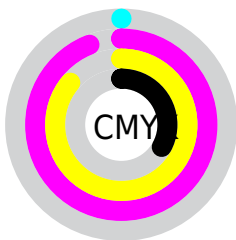
Blue (9%)



Red (67%)

Yellow (4%)

Blue (9%)

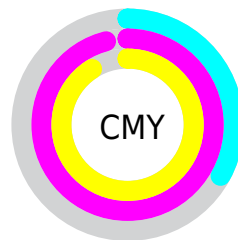


Cyan (0%)

Magenta (94%)

Yellow (86%)

Black (33%)



Cyan (33%)


Magenta (96%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 59.3220, -17.9067, 97.0646 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 59.3220, -17.9067, 97.0646 by changing the saturation by 10% instead.


 59.3220, -17.9067,
97.0646


 59.3220, -17.9067,
97.0646


254.7720, -0.8736,
0.2000

 41.5610, -20.4896,
85.4540


 124.3790,
-27.7948, 95.2606


 32.2920, -15.9200,
66.3959

 150.7160,
-28.9470, 91.4571

 23.4360, -11.0609,
47.8526

 170.0020,
-26.1300, 74.5432

 15.1780, -6.4968,
30.5389

 189.2880,
-23.3130, 57.6294


 0.0000, 0.0000,
0.0000


 208.8020,
-19.6224, 40.5156


 229.4900,


-16.5106, 22.3723


 249.7050,
-12.6726, 4.6437


 59.3220, -17.9067,
97.0646


 59.3220, -17.9067,
97.0646


 52.4260, -18.9440,
103.1124

 71.1250, -15.8376,
86.7134

 82.8140, -14.2053,
76.4621

 94.6170, -12.1362,
66.1109

 106.3060,
-10.5039, 55.8596

 118.1090, -8.4347,
45.5084

■ 129.9120, -6.3656,
35.1572

■ 141.6010, -4.7333,
24.9059

■ 153.4040, -2.6642,
14.5547

■ 165.2070, -0.5951,
4.2035

Harmonies

Analogous

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



62.1140, 7.8318, 101.6320



59.3220, -17.9067, 97.0646



77.6670, -38.2898, 54.6660

Triad

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



59.3220, -17.9067, 97.0646



64.3540, -17.4295, -56.4385



75.5160, 60.8776, -66.2275

Complementary

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



59.3220, -17.9067, 97.0646



120.6780, 17.9067, -97.0646

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.



81.1920, 52.1633, -71.2054



59.3220, -17.9067, 97.0646



72.5960, 9.0732, -63.6667

Square

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



59.3220, -17.9067, 97.0646



66.2080, -32.6405, -30.8774



78.9800, 33.5339, -69.2655



83.1010, 47.2782, 2.5424

Rectangle

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



59.3220, -17.9067, 97.0646



79.2740, -39.0821, 28.7007



78.9800, 33.5339, -69.2655



78.3370, 58.9939, -68.7015

Sweetspot

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



59.3220, -17.9067, 97.0646



179.1080, -6.9552, 37.6163



72.1930, 48.2189, 74.3757



85.7040, -4.2911, 23.0616



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



59.3220, -17.9067, 97.0646



68.4300, -24.8620, 134.6809



97.1690, -42.9743, 63.8728



78.3920, -1.1793, 4.9182



45.6200, -16.5747, 89.7873



6.2080, -2.0745, 12.0956

Inverse Universe

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



59.3220, -17.9067, 97.0646



68.4300, -24.8620, 134.6809



82.8310, 42.9743, -63.8728



78.3920, -1.1793, 4.9182



45.6200, -16.5747, 89.7873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 59.3220, -17.9067, 97.0646 looks on a white background.

Color Contrast Check

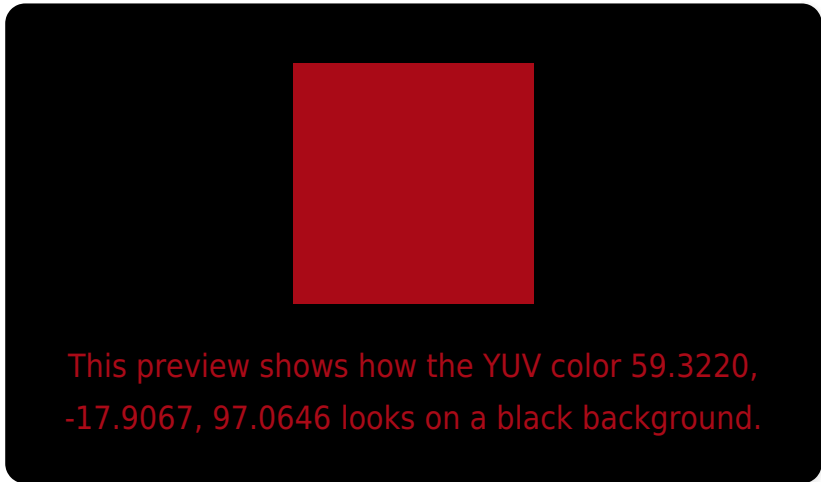
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.3220, -17.9067, 97.0646

Background



This preview shows how black text looks on a background with the YUV color 59.3220, -17.9067, 97.0646.



This preview shows how white text looks on a background with the YUV color 59.3220, -17.9067,

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

59.3220, -17.9067, 97.0646

Protanopia

83.6320, -22.0036, 10.8467

Deuteranopia

80.7250, -39.7974, 24.7972



Tritanopia

59.6350, -29.4001, 96.7901

Trichromacy



Original Color

59.3220, -17.9067, 97.0646

Protanomaly

74.5850, -20.5014, 42.4600

Deuteranomaly

72.9530, -32.0218, 50.9072

Tritanomaly

59.3730, -25.3269, 97.0199

Monochromacy



Original Color

59.3220, -17.9067, 97.0646

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9120, -6.3656, 35.1572

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.3220, -17.9067, 97.0646 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(170, 10, 23)` looks like.

```
.text, #text, p{  
    color:rgb(170, 10, 23)  
}
```

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(170, 10, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 10, 23) }
```

Border

The CSS property to change the border of an element to YUV 59.3220, -17.9067, 97.0646 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(170, 10, 23) }
```


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

```
.border{ border-color:rgb(170, 10, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 10, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 10, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 10, 23);  
box-shadow:4px 4px 4px 4px rgb(170, 10,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 59.3220, -17.9067, 97.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 10, 23) }
```

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

```
.background{ background-color: rgb(170, 10,  
23) }
```

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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