

Converting Colors

YUV(59.0150, 21.1916, 63.1308)

Have a look what the booklet for
YUV(59.0150, 21.1916, 63.1308)
contains.

YUV(59.0150, 21.1916, 63.1308)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(59.0150, 21.1916,
63.1308)**

Conversions

Conversions Part 1

Format	Color
Hex	830E66
RGB	131, 14, 102
RGB Percent	51%, 5%, 40%
CMY	0.4863, 0.9451, 0.6000
CMYK	0.00, 0.89, 0.22, 0.49
HSL	315°, 81%, 28%
HSV	315°, 89%, 51%
XYZ	11.9154, 6.0987, 13.1195
YIQ	59.0150, 41.4840, 52.1720

Conversions

Conversions Part 2

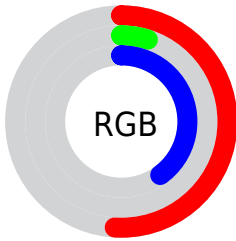
Format	Color
R_{YB}	131, 14, 102
Decimal	8588902
CIE _{Lab}	29.66, 53.43, -20.06
CIE _{LCh}	30, 57.072, 339.423
Yxy	6.0987, 0.3827, 0.1959
Android (android.graphics.Color)	4286778982 (0xFF830E66)
YUV	59.0150, 21.1916, 63.1308
Hunter-Lab	24.6955, 42.9077, -14.2110

Details

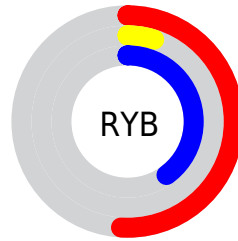
The YUV color **59.0150, 21.1916, 63.1308** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **85.9850, -21.1916, -63.1308**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.9670, 17.2713, 60.5419**, and **29.2930, 12.6736, 41.8390** is the 20% darker color. If you saturate the color by 10%, you get **51.0420, 23.6433, 70.1232**, and if you desaturate by 10%, it is **66.9880, 18.7399, 56.1385**.

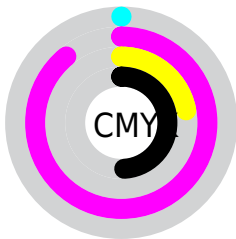
Distribution



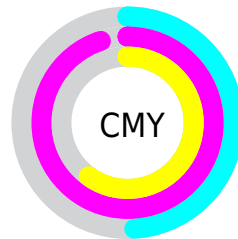
- Red (51%)
- Green (5%)
- Blue (40%)



- Red (51%)
- Yellow (5%)
- Blue (40%)



- Cyan (0%)
- Magenta (89%)
- Yellow (22%)
- Black (49%)



- Cyan (49%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.0150, 21.1916, 63.1308 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 59.0150, 21.1916, 63.1308 by changing the saturation by 10% instead.

■ 59.0150, 21.1916,
63.1308

■ 59.0150, 21.1916,
63.1308

■ 255.0000, 0.0000,
0.0000

■ 39.9880, 18.7399,
56.1385

■ 117.9670, 17.2713,
60.5419

■ 29.2930, 12.6736,
41.8390

■ 145.5650, 16.9765,
61.7715

■ 20.0220, 6.8912,
29.7987

■ 174.1630, 16.6816,
63.0010

■ 6.0660, -0.0325,
10.4661

■ 195.8950, 19.7718,
51.8351


■ 0.0000, 0.0000,
0.0000


■ 214.4970, 19.9680,
35.5211


■ 231.5200, 11.5756,


20.5920


 248.5430, 3.1833,
5.6628


 59.0150, 21.1916,
63.1308


 59.0150, 21.1916,
63.1308


 51.0420, 23.6433,
70.1232


 66.9880, 18.7399,
56.1385

 50.4550, 23.9327,
70.6380

 74.9610, 16.2882,
49.1462

 83.0480, 14.2733,
42.0539

 91.0210, 11.8216,
35.0616

 99.5810, 9.0806,
27.5545

■ 107.5540, 6.6289,
20.5621

■ 115.6410, 4.6140,
13.4698

■ 123.6140, 2.1623,
6.4775

■ 131.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



70.9100, 33.5684, 13.2339



59.0150, 21.1916, 63.1308



49.9670, 3.9603, 83.3439

Triad

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



59.0150, 21.1916, 63.1308



64.9770, -32.0337, 7.9132



66.0200, 29.5701, -57.8995

Complementary

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



59.0150, 21.1916, 63.1308



85.9850, -21.1916, -63.1308

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.



61.1180, 10.7878, -53.6005



59.0150, 21.1916, 63.1308



53.2170, -26.2360, -31.7623

Square

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



59.0150, 21.1916, 63.1308



66.0610, -32.5681, 39.4115



54.5860, -9.1629, -47.8719



66.2770, 43.2474, -58.1249

Rectangle

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



59.0150, 21.1916, 63.1308



54.3840, -12.0213, 75.9622



54.5860, -9.1629, -47.8719



64.5380, 23.8918, -56.5998

Sweetspot

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



59.0150, 21.1916, 63.1308



142.6300, 8.0704, 24.8805



35.4110, 47.1254, 4.9016



69.7660, 5.0454, 15.1142



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



59.0150, 21.1916, 63.1308



65.8350, 31.1403, 92.2297



52.5170, -3.7059, 68.8296



62.3640, 1.2995, 3.1888



50.0420, 23.6433, 70.1232



1.1250, 0.4314, 1.6444

Inverse Universe

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



59.0150, 21.1916, 63.1308



65.8350, 31.1403, 92.2297



92.4830, 3.7059, -68.8296



62.3640, 1.2995, 3.1888



50.0420, 23.6433, 70.1232



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 59.0150, 21.1916, 63.1308 looks on a white background.

Color Contrast Check

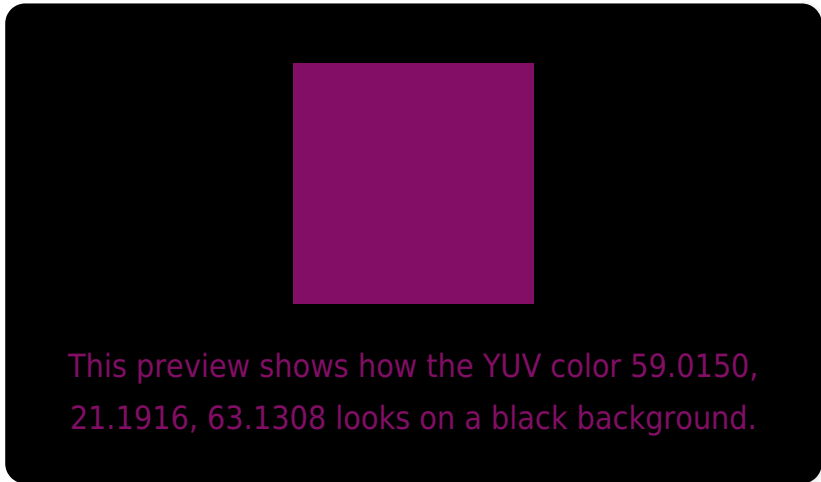
Large Text (above 18pt) WCAG AA ✓ Pass

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

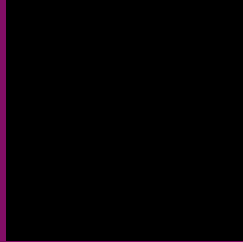
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.0150, 21.1916, 63.1308

Background



This preview shows how black text looks on a background with the YUV color 59.0150, 21.1916, 63.1308.



This preview shows how white text looks on a background with the YUV color 59.0150, 21.1916,

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

59.0150, 21.1916, 63.1308

Protanopia

64.8670, 38.5196, -34.9634

Deuteranopia

72.3550, 11.6570, -5.5733



Tritanopia

67.3440, -11.5086, 51.4413

Trichromacy



Original Color

59.0150, 21.1916, 63.1308

Protanomaly

63.0780, 32.0065, 0.8086

Deuteranomaly

67.4320, 15.0700, 19.7921

Tritanomaly

64.4660, 0.2633, 55.7193

Monochromacy



Original Color

59.0150, 21.1916, 63.1308

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.2060, 7.7864, 22.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.0150, 21.1916, 63.1308 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(131, 14, 102)` looks like.

```
.text, #text, p{  
    color:rgb(131, 14, 102)  
}
```

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(131, 14, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 14, 102) }
```

Border

The CSS property to change the border of an element to YUV 59.0150, 21.1916, 63.1308 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(131, 14, 102) }
```


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

```
.border{ border-color:rgb(131, 14, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 14, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 14, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 14, 102);  
box-shadow:4px 4px 4px 4px rgb(131, 14,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 59.0150, 21.1916, 63.1308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 14, 102) }
```

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

```
.background{ background-color: rgb(131, 14,  
102) }
```

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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