

Converting Colors

YUV(58.6950, -0.3426, 63.4115)

Have a look what the booklet for
YUV(58.6950, -0.3426, 63.4115)
contains.

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Color

**YUV(58.6950, -0.3426,
63.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	83163A
RGB	131, 22, 58
RGB Percent	51%, 9%, 23%
CMY	0.4863, 0.9137, 0.7725
CMYK	0.00, 0.83, 0.56, 0.49
HSL	340°, 71%, 30%
HSV	340°, 83%, 51%
XYZ	10.4107, 5.7046, 4.5554
YIQ	58.6950, 53.4080, 34.3040

Conversions

Conversions Part 2

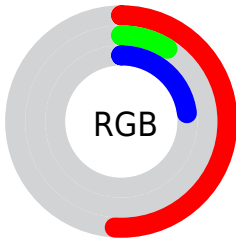
Format	Color
R_{YB}	131, 22, 58
Decimal	8590906
CIE Lab	28.65, 46.75, 7.56
CIE LCh	29, 47.361, 9.185
Yxy	5.7046, 0.5036, 0.2760
Android (android.graphics.Color)	4286780986 (0xFF83163A)
YUV	58.6950, -0.3426, 63.4115
Hunter-Lab	23.8843, 36.0071, 5.4108

Details

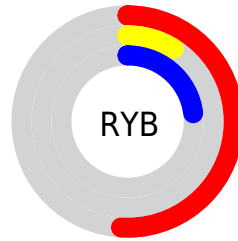
The YUV color **58.6950, -0.3426, 63.4115** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **94.3050, 0.3426, -63.4115**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.8540, -4.8580, 65.0260**, and **24.2490, -4.0668, 44.5086** is the 20% darker color. If you saturate the color by 10%, you get **50.0380, -0.5117, 71.0037**, and if you desaturate by 10%, it is **67.3520, -0.1735, 55.8193**.

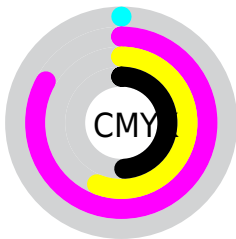
Distribution



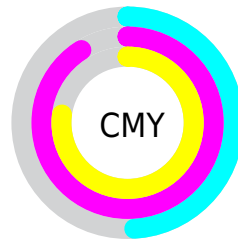
- Red (51%)
- Green (9%)
- Blue (23%)



- Red (51%)
- Yellow (9%)
- Blue (23%)



- Cyan (0%)
- Magenta (83%)
- Yellow (56%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.6950, -0.3426, 63.4115 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 58.6950, -0.3426, 63.4115 by changing the saturation by 10% instead.

■ 58.6950, -0.3426,
63.4115

■ 58.6950, -0.3426,
63.4115

255.0000, 0.0000,
0.0000

■ 35.0150, 0.9786,
59.6228

■ 114.8540, -4.8580,
65.0260

■ 24.2490, -4.0668,
44.5086

■ 141.6370, -5.7370,
66.9704

■ 15.4770, -6.6442,
31.1537

■ 169.4200, -6.6161,
68.9147

■ 0.0000, 0.0000,
0.0000

■ 190.4400, -3.6679,
56.6191

■ 209.9540, 0.0227,
39.5053

■ 230.1690, 3.8607,

21.7768

249.1300, 2.8939,
5.1480

58.6950, -0.3426,
63.4115

58.6950, -0.3426,
63.4115

50.0380, -0.5117,
71.0037

67.3520, -0.1735,
55.8193

44.0710, -0.5280,
76.2367

76.0090, -0.0044,
48.2271

84.5520, -0.2721,
40.7349

93.2090, -0.1030,
33.1427

102.4530, -0.2233,
25.0357

■ 111.1100, -0.0542,
17.4435

■ 119.6530, -0.3219,
9.9513

■ 128.3100, -0.1528,
2.3591

■ 136.9670, 0.0163,
-5.2331

Harmonies

Analogous

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



64.4940, 14.5465, 47.8018



58.6950, -0.3426, 63.4115



61.4170, -18.9396, 54.8853

Triad

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



58.6950, -0.3426, 63.4115



55.0550, -27.1421, -21.0962



61.2900, 36.8320, -53.7513

Complementary

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



58.6950, -0.3426, 63.4115



94.3050, 0.3426, -63.4115

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.



61.6030, 25.3387, -54.0258



58.6950, -0.3426, 63.4115



52.6940, -6.2581, -46.2126

Square

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



58.6950, -0.3426, 63.4115



62.9170, -31.0181, 8.8428



58.2000, 9.7614, -51.0414



56.5770, 41.6205, -49.6180

Rectangle

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



58.6950, -0.3426, 63.4115



62.5390, -30.8317, 42.5003



58.2000, 9.7614, -51.0414



61.7800, 33.6325, -54.1811

Sweetspot

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



58.6950, -0.3426, 63.4115



142.4530, -0.2233, 25.0357



56.2530, 36.8503, 33.9811



69.6860, -0.3382, 15.1844



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.



58.6950, -0.3426, 63.4115



57.5130, -0.7459, 99.5281



65.1570, -21.2764, 57.7443



62.0220, -0.0108, 3.4887



43.7720, -0.3806, 75.6220



1.0110, -0.0054, 1.7444

Inverse Universe

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



58.6950, -0.3426, 63.4115



57.5130, -0.7459, 99.5281



87.8430, 21.2764, -57.7443



62.0220, -0.0108, 3.4887



43.7720, -0.3806, 75.6220



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 58.6950, -0.3426, 63.4115 looks on a white background.

Color Contrast Check

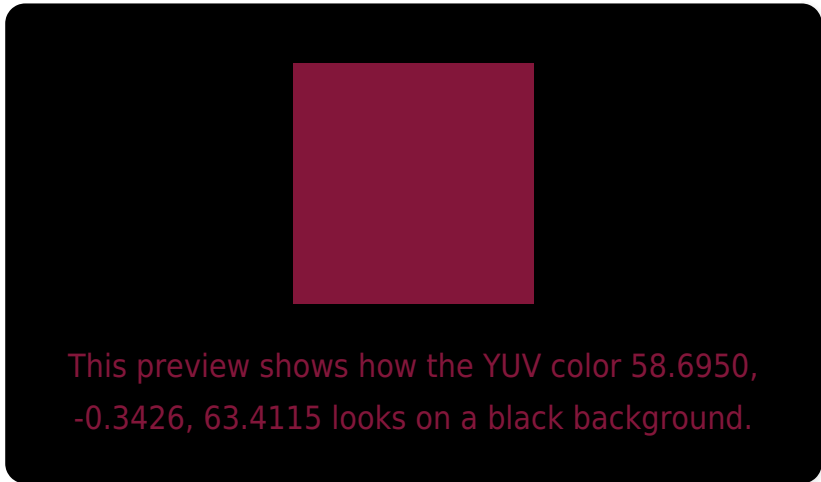
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.6950, -0.3426, 63.4115

Background



This preview shows how black text looks on a background with the YUV color 58.6950, -0.3426, 63.4115.



This preview shows how white text looks on a background with the YUV color 58.6950, -0.3426,

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

58.6950, -0.3426, 63.4115

Protanopia

69.7700, 5.5364, -2.4293

Deuteranopia

69.8890, -8.3263, 10.6213



Tritanopia

60.0140, -14.3039, 61.3777

Trichromacy



Original Color

58.6950, -0.3426, 63.4115

Protanomaly

65.7560, 3.5713, 21.2620

Deuteranomaly

66.1070, -5.4758, 29.7242

Tritanomaly

59.3930, -9.0677, 61.9223

Monochromacy



Original Color

58.6950, -0.3426, 63.4115

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

59.1430, -0.0705, 22.6766

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.6950, -0.3426, 63.4115 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, 22, 58)` looks like.

```
.text, #text, p{  
    color:rgb(131, 22, 58)  
}
```

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, 22, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 22, 58) }
```

Border

The CSS property to change the border of an element to YUV 58.6950, -0.3426, 63.4115 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, 22, 58) }
```


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

```
.border{ border-color:rgb(131, 22, 58) }
```

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

Here you see how a box with a 4 pixel rgb(131, 22, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 22, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 22, 58);  
box-shadow:4px 4px 4px 4px rgb(131, 22,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 58.6950, -0.3426, 63.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 22, 58) }
```

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

```
.background{ background-color: rgb(131, 22,  
58) }
```

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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