

Converting Colors

YUV(58.3410, 23.4959, 70.7379)

Have a look what the booklet for
YUV(58.3410, 23.4959, 70.7379)
contains.

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Color

**YUV(58.3410, 23.4959,
70.7379)**

Conversions

Conversions Part 1

Format	Color
Hex	8B086A
RGB	139, 8, 106
RGB Percent	55%, 3%, 42%
CMY	0.4549, 0.9686, 0.5843
CMYK	0.00, 0.94, 0.24, 0.45
HSL	315°, 89%, 29%
HSV	315°, 94%, 55%
XYZ	13.3358, 6.7032, 14.2266
YIQ	58.3410, 46.6180, 58.2500

Conversions

Conversions Part 2

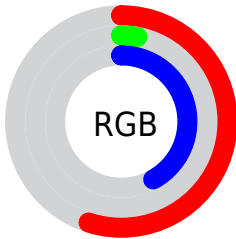
Format	Color
RYB	139, 8, 106
Decimal	9111658
CIELab	31.12, 56.70, -20.24
CIElCh	31, 60.210, 340.354
Yxy	6.7032, 0.3892, 0.1956
Android (android.graphics.Color)	4287301738 (0xFF8B086A)
YUV	58.3410, 23.4959, 70.7379
Hunter-Lab	25.8906, 46.6337, -14.4559

Details

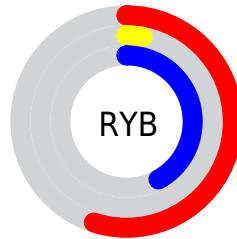
The YUV color **58.3410, 23.4959, 70.7379** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **88.6590, -23.4959, -70.7379**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2280, 18.1286, 65.5750**, and **31.7280, 12.9521, 45.8425** is the 20% darker color. If you saturate the color by 10%, you get **53.4170, 24.9374, 75.0563**, and if you desaturate by 10%, it is **67.0150, 21.1916, 63.1308**.

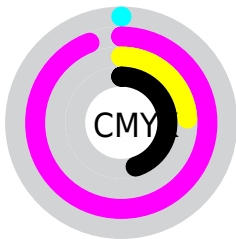
Distribution



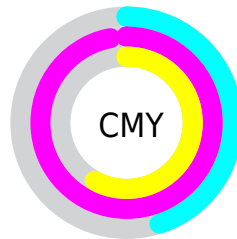
- Red (55%)
- Green (3%)
- Blue (42%)



- Red (55%)
- Yellow (3%)
- Blue (42%)



- Cyan (0%)
- Magenta (94%)
- Yellow (24%)
- Black (45%)



- Cyan (45%)
- Magenta (97%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3410, 23.4959, 70.7379 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 58.3410, 23.4959, 70.7379 by changing the saturation by 10% instead.

■ 58.3410, 23.4959,
70.7379

■ 58.3410, 23.4959,
70.7379

255.0000, 0.0000,
0.0000

■ 42.5370, 19.4553,
60.0421

■ 121.2280, 18.1286,
65.5750

■ 31.7280, 12.9521,
45.8425

■ 149.4130, 17.5444,
66.2898

■ 22.1580, 7.3171,
33.1874

■ 177.3100, 17.1022,
68.1341

■ 10.4520, 1.2562,
17.1436


■ 197.0520, 21.6664,
50.8204


■ 0.0000, 0.0000,
0.0000


■ 215.0840, 19.6786,
35.0063


■ 232.1070, 11.2862,


20.0772


 249.7170, 2.6045,
4.6332


 58.3410, 23.4959,
70.7379


 58.3410, 23.4959,
70.7379


 53.4170, 24.9374,
75.0563

 67.0150, 21.1916,
63.1308

 75.5750, 18.4505,
55.6237

 84.2490, 16.1462,
48.0166

 92.8090, 13.4052,
40.5095

 100.8960, 11.3903,
33.4172

■ 109.4560, 8.6492,
25.9101

■ 118.1300, 6.3449,
18.3030

■ 126.6900, 3.6038,
10.7959

■ 135.3640, 1.2995,
3.1888

Harmonies

Analogous

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



74.0890, 35.4521, 15.7079



58.3410, 23.4959, 70.7379



52.4730, 3.2178, 88.1622

Triad

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



58.3410, 23.4959, 70.7379



67.9230, -33.4860, 7.0835



69.2800, 31.9070, -60.7586

Complementary

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



58.3410, 23.4959, 70.7379



88.6590, -23.4959, -70.7379

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.



64.1500, 12.2510, -56.2596



58.3410, 23.4959, 70.7379



53.4720, -26.3617, -38.1249

Square

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



58.3410, 23.4959, 70.7379



69.0180, -34.0259, 40.3262



57.8630, -9.2995, -50.7459



69.6510, 46.0211, -61.0839

Rectangle

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



58.3410, 23.4959, 70.7379



55.7760, -13.2006, 80.8804



57.8630, -9.2995, -50.7459



67.6840, 25.7918, -59.3589

Sweetspot

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



58.3410, 23.4959, 70.7379



149.5810, 9.0806, 27.5545



32.8010, 52.3561, 7.1905



72.8910, 5.4767, 16.7586



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



58.3410, 23.4959, 70.7379



69.5090, 32.2871, 97.7776



50.9310, -4.8960, 77.2365



64.6630, 1.1521, 3.8035



51.0530, 23.6379, 71.8675



1.9510, 1.0102, 2.6740

Inverse Universe

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



58.3410, 23.4959, 70.7379



69.5090, 32.2871, 97.7776



96.0690, 4.8960, -77.2365



64.6630, 1.1521, 3.8035



51.0530, 23.6379, 71.8675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 58.3410, 23.4959, 70.7379 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

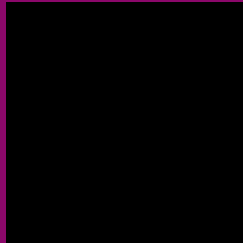
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.3410, 23.4959, 70.7379

Background



This preview shows how black text looks on a background with the YUV color 58.3410, 23.4959, 70.7379.



This preview shows how white text looks on a background with the YUV color 58.3410, 23.4959,

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

58.3410, 23.4959, 70.7379

Protanopia

68.0240, 40.4142, -35.9780

Deuteranopia

75.6540, 11.5096, -4.9586



Tritanopia

69.7360, -12.6878, 56.3595

Trichromacy



Original Color

58.3410, 23.4959, 70.7379

Protanomaly

64.3710, 34.3271, 3.1826

Deuteranomaly

69.3830, 16.0802, 22.4661

Tritanomaly

65.9120, 0.5364, 61.4672

Monochromacy



Original Color

58.3410, 23.4959, 70.7379

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.0430, 8.3598, 25.3953

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3410, 23.4959, 70.7379 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(139, 8, 106)` looks like.

```
.text, #text, p{  
    color:rgb(139, 8, 106)  
}
```

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(139, 8, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 8, 106) }
```

Border

The CSS property to change the border of an element to YUV 58.3410, 23.4959, 70.7379 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(139, 8, 106) }
```


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

```
.border{ border-color:rgb(139, 8, 106) }
```

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

Here you see how a box with a 4 pixel rgb(139, 8, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 8, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 8, 106);  
box-shadow:4px 4px 4px 4px rgb(139, 8,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 58.3410, 23.4959, 70.7379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 8, 106) }
```

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

```
.background{ background-color: rgb(139, 8,  
106) }
```

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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