

Converting Colors

YUV(58.3090, 1.8197, 69.8890)

Have a look what the booklet for
YUV(58.3090, 1.8197, 69.8890)
contains.

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Color

**YUV(58.3090, 1.8197,
69.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	8A113E
RGB	138, 17, 62
RGB Percent	54%, 7%, 24%
CMY	0.4588, 0.9333, 0.7569
CMYK	0.00, 0.88, 0.55, 0.46
HSL	338°, 78%, 30%
HSV	338°, 88%, 54%
XYZ	11.5512, 6.1520, 5.1361
YIQ	58.3090, 57.6710, 39.6470

Conversions

Conversions Part 2

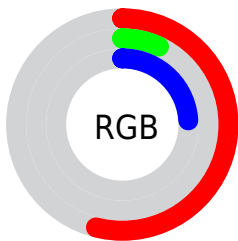
Format	Color
R_{YB}	138, 17, 62
Decimal	9048382
CIE Lab	29.79, 50.28, 6.69
CIE LCh	30, 50.727, 7.578
Yxy	6.1520, 0.5058, 0.2694
Android (android.graphics.Color)	4287238462 (0xFF8A113E)
YUV	58.3090, 1.8197, 69.8890
Hunter-Lab	24.8032, 39.7244, 5.0849

Details

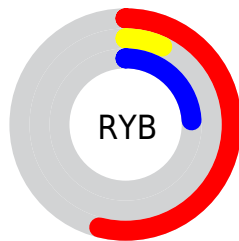
The YUV color **58.3090, 1.8197, 69.8890** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **96.6910, -1.8197, -69.8890**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.2290, -3.5639, 69.9592**, and **26.4990, -3.2040, 47.7974** is the 20% darker color. If you saturate the color by 10%, you get **49.0650, 1.9400, 77.9960**, and if you desaturate by 10%, it is **67.5530, 1.6994, 61.7820**.

Distribution



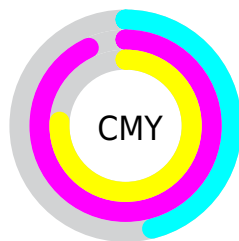
- Red (54%)
- Green (7%)
- Blue (24%)



- Red (54%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (88%)
- Yellow (55%)
- Black (46%)



- Cyan (46%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.3090, 1.8197, 69.8890 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 58.3090, 1.8197, 69.8890 by changing the saturation by 10% instead.

■ 58.3090, 1.8197,
69.8890

■ 58.3090, 1.8197,
69.8890

255.0000, 0.0000,
0.0000

■ 37.4500, 1.2571,
63.6263

■ 116.2290, -3.5639,
69.9592

■ 26.4990, -3.2040,
47.7974

■ 143.8980, -4.8797,
72.0035

■ 17.2710, -7.5286,
34.8423

■ 171.4960, -5.1745,
73.2330

■ 4.4850, -2.2111,
9.2217

■ 190.8960, -1.9207,
56.2192

■ 0.0000, 0.0000,
0.0000

■ 210.5240, 2.2067,
39.0055

■ 230.8530, 6.4815,

21.1769

249.1300, 2.8939,
5.1480

58.3090, 1.8197,
69.8890

58.3090, 1.8197,
69.8890

49.0650, 1.9400,
77.9960

67.5530, 1.6994,
61.7820

47.0760, 1.9345,
79.7403

76.6830, 1.1423,
53.7750

85.3400, 1.3114,
46.1828

94.5840, 1.1911,
38.0758

103.7140, 0.6340,
30.0688

■ 112.9580, 0.5137,
21.9618

■ 122.2020, 0.3934,
13.8548

■ 130.7450, 0.1257,
6.3626

■ 139.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



66.7870, 16.8670, 50.1758



58.3090, 1.8197, 69.8890



63.0370, -19.2452, 59.6036

Triad

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



58.3090, 1.8197, 69.8890



57.4140, -28.3051, -21.4111



64.4360, 38.7321, -56.5104

Complementary

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



58.3090, 1.8197, 69.8890



96.6910, -1.8197, -69.8890

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.



64.5210, 26.3651, -56.5849



58.3090, 1.8197, 69.8890



54.2270, -7.9999, -47.5571

Square

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



58.3090, 1.8197, 69.8890



65.5860, -32.3339, 10.8871



60.0750, 9.3300, -52.6858



59.2500, 44.2467, -51.9622

Rectangle

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



58.3090, 1.8197, 69.8890



64.6320, -31.8636, 46.8037



60.0750, 9.3300, -52.6858



64.9260, 35.5325, -56.9401

Sweetspot

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



58.3090, 1.8197, 69.8890



147.9910, 0.4974, 27.1949



53.2190, 41.7970, 34.0109



71.2130, 0.3880, 15.5992



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.



58.3090, 1.8197, 69.8890



61.0450, 2.4428, 103.4465



61.3970, -21.8877, 67.1808



64.4350, 0.2785, 4.0035



45.3530, 1.7980, 76.8664



1.7230, 0.1366, 2.8739

Inverse Universe

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



58.3090, 1.8197, 69.8890



61.0450, 2.4428, 103.4465



93.6030, 21.8877, -67.1808



64.4350, 0.2785, 4.0035



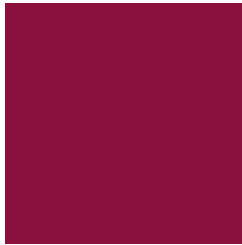
45.3530, 1.7980, 76.8664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 58.3090, 1.8197, 69.8890 looks on a white background.

Color Contrast Check

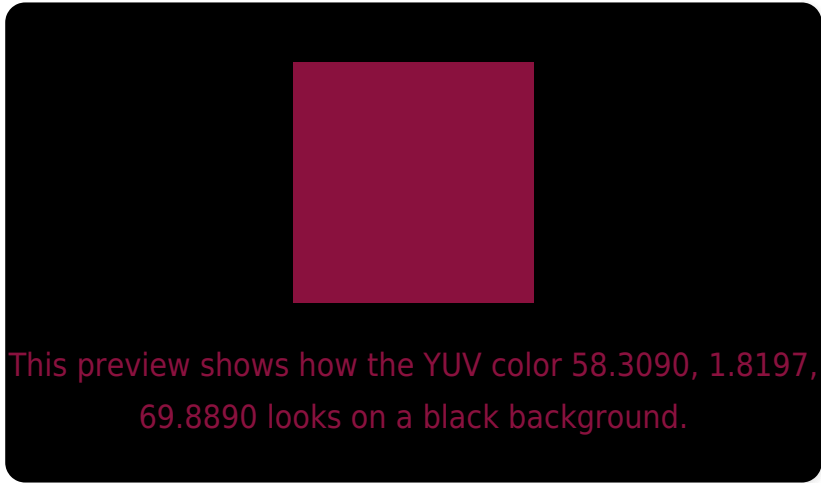
Large Text (above 18pt) WCAG AA ✓ Pass

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

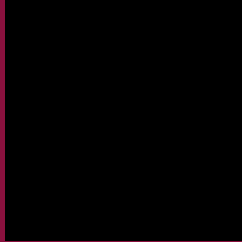
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.3090, 1.8197, 69.8890

Background



This preview shows how black text looks on a background with the YUV color 58.3090, 1.8197, 69.8890.



This preview shows how white text looks on a background with the YUV color 58.3090, 1.8197, 69.8890.

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

58.3090, 1.8197, 69.8890

Protanopia

72.9270, 7.4310, -3.4440

Deuteranopia

72.3020, -8.0369, 11.1361



Tritanopia

61.2920, -15.9200, 66.3959

Trichromacy



Original Color

58.3090, 1.8197, 69.8890

Protanomaly

67.6360, 5.6025, 23.1212

Deuteranomaly

67.0580, -4.4656, 32.3981

Tritanomaly

60.3120, -9.5208, 67.2554

Monochromacy



Original Color

58.3090, 1.8197, 69.8890

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.9800, 0.5029, 25.4505

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3090, 1.8197, 69.8890 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(138, 17, 62)` looks like.

```
.text, #text, p{  
    color:rgb(138, 17, 62)  
}
```

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(138, 17, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 17, 62) }
```

Border

The CSS property to change the border of an element to YUV 58.3090, 1.8197, 69.8890 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(138, 17, 62) }
```


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

```
.border{ border-color:rgb(138, 17, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 17, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 17, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 17, 62);  
box-shadow:4px 4px 4px 4px rgb(138, 17,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 58.3090, 1.8197, 69.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 17, 62) }
```

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

```
.background{ background-color: rgb(138, 17,  
62) }
```

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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