

Converting Colors

YUV(58.8100, -14.6963,
94.0056)

Have a look what the booklet for
YUV(58.8100, -14.6963, 94.0056)
contains.

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Color

**YUV(58.8100, -14.6963,
94.0056)**

Conversions

Conversions Part 1

Format	Color
Hex	A60A1D
RGB	166, 10, 29
RGB Percent	65%, 4%, 11%
CMY	0.3490, 0.9608, 0.8863
CMYK	0.00, 0.94, 0.83, 0.35
HSL	353°, 89%, 35%
HSV	353°, 94%, 65%
XYZ	16.0562, 8.4128, 1.9400
YIQ	58.8100, 86.8770, 38.9810

Conversions

Conversions Part 2

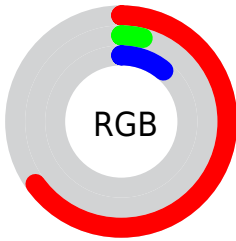
Format	Color
RYB	166, 10, 29
Decimal	10881565
CIELab	34.83, 57.31, 35.40
CIElCh	35, 67.363, 31.701
Yxy	8.4128, 0.6080, 0.3186
Android (android.graphics.Color)	4289071645 (0xFFA60A1D)
YUV	58.8100, -14.6963, 94.0056
Hunter-Lab	29.0048, 48.0539, 16.3378

Details

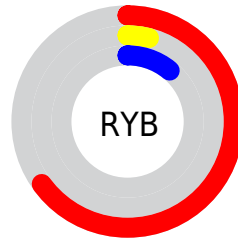
The YUV color **58.8100, -14.6963, 94.0056** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **117.1900, 14.6963, -94.0056**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.8670, -24.5844, 92.2016**, and **31.3950, -15.4777, 64.5516** is the 20% darker color. If you saturate the color by 10%, you get **51.9140, -15.7336, 100.0534**, and if you desaturate by 10%, it is **70.4990, -13.0640, 83.7544**.

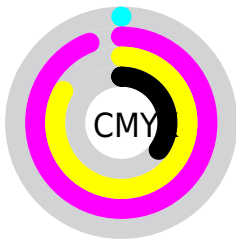
Distribution



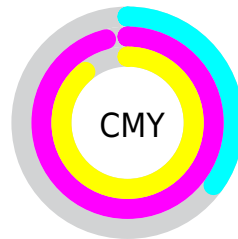
- Red (65%)
- Green (4%)
- Blue (11%)



- Red (65%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (94%)
- Yellow (83%)
- Black (35%)





- Cyan (35%)
- Magenta (96%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 58.8100, -14.6963, 94.0056 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 58.8100, -14.6963, 94.0056 by changing the saturation by 10% instead.


 58.8100, -14.6963,
94.0056


 58.8100, -14.6963,
94.0056


255.0000, 0.0000,
0.0000

 41.0490, -17.2792,
82.3950


 123.8670,
-24.5844, 92.2016

 31.3950, -15.4777,
64.5516

 150.8130,
-26.0368, 91.3720

 22.5390, -10.6187,
46.0083

 170.0990,
-23.2198, 74.4582

 13.9820, -5.9071,
28.0798

 189.3850,
-20.4028, 57.5444

 0.0000, 0.0000,
0.0000

 208.8990,
-16.7122, 40.4306

 229.1140,

-12.8742, 22.7020

■ 249.9160, -9.3256,
4.4587

■ 58.8100, -14.6963,
94.0056

■ 58.8100, -14.6963,
94.0056

■ 51.9140, -15.7336,
100.0534

■ 70.4990, -13.0640,
83.7544

■ 81.4870, -11.5791,
74.1179

■ 93.1760, -9.9468,
63.8666

■ 104.1640, -8.4619,
54.2302

■ 115.8530, -6.8295,
43.9789

■ 127.4280, -5.6340,
33.8276

■ 138.5300, -3.7123,
24.0912

■ 150.2190, -2.0800,
13.8399

■ 161.2070, -0.5951,
4.2035

Harmonies

Analogous

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



60.3630, 10.1740, 97.0286



58.8100, -14.6963, 94.0056



75.0200, -36.9849, 56.1105

Triad

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



58.8100, -14.6963, 94.0056



61.5500, -18.0191, -53.9793



74.0170, 57.6726, -64.9129

Complementary

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



58.8100, -14.6963, 94.0056



117.1900, 14.6963, -94.0056

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.



78.8780, 48.3741, -69.1760



58.8100, -14.6963, 94.0056



70.0370, 6.8838, -61.4224

Square

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



58.8100, -14.6963, 94.0056



67.4370, -33.2464, -23.1852



76.7800, 30.1815, -67.3361



80.5300, 46.5737, -4.8498

Rectangle

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



58.8100, -14.6963, 94.0056



77.8120, -38.3613, 30.8599



76.7800, 30.1815, -67.3361



76.8380, 55.7889, -67.3869

Sweetspot

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



58.8100, -14.6963, 94.0056



175.0370, -5.9342, 36.8016



68.1490, 48.2405, 67.3983



83.9320, -3.4175, 22.8616



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



58.8100, -14.6963, 94.0056



67.8470, -20.6306, 130.8072



90.1030, -39.4908, 66.5617



78.5060, -0.7425, 4.8182



46.3040, -13.9539, 89.1874



6.2080, -2.0745, 12.0956

Inverse Universe

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



58.8100, -14.6963, 94.0056



67.8470, -20.6306, 130.8072



85.8970, 39.4908, -66.5617



78.5060, -0.7425, 4.8182



46.3040, -13.9539, 89.1874



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 58.8100, -14.6963, 94.0056 looks on a white background.

Color Contrast Check

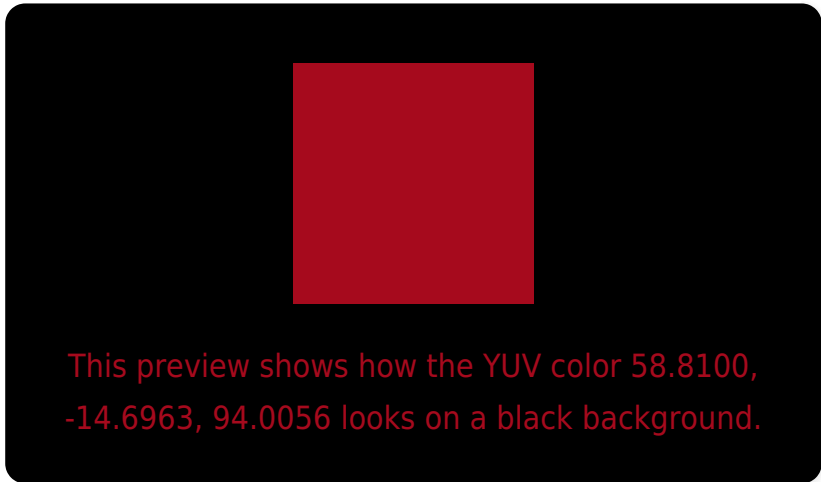
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.8100, -14.6963, 94.0056

Background



This preview shows how black text looks on a background with the YUV color 58.8100, -14.6963, 94.0056.



This preview shows how white text looks on a background with the YUV color 58.8100, -14.6963,

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

58.8100, -14.6963, 94.0056

Protanopia

82.3590, -17.9250, 9.3322

Deuteranopia

80.1360, -33.0980, 22.6827



Tritanopia

59.1230, -26.1896, 93.7311

Trichromacy



Original Color

58.8100, -14.6963, 94.0056

Protanomaly

73.8990, -16.7122, 40.4306

Deuteranomaly

72.7230, -26.4854, 48.4779

Tritanomaly

58.8610, -22.1165, 93.9609

Monochromacy



Original Color

58.8100, -14.6963, 94.0056

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8410, -5.3446, 34.3424

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.8100, -14.6963, 94.0056 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(166, 10, 29)` looks like.

```
.text, #text, p{  
    color:rgb(166, 10, 29)  
}
```

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(166, 10, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 10, 29) }
```

Border

The CSS property to change the border of an element to YUV 58.8100, -14.6963, 94.0056 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(166, 10, 29) }
```


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

```
.border{ border-color:rgb(166, 10, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 10, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 10, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 10, 29);  
box-shadow:4px 4px 4px 4px rgb(166, 10,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 58.8100, -14.6963, 94.0056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 10, 29) }
```

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

```
.background{ background-color: rgb(166, 10,  
29) }
```

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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