

Converting Colors

YUV(51.8280, -18.6492,
101.8828)

Have a look what the booklet for
YUV(51.8280, -18.6492, 101.8828)
contains.

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Color

**YUV(51.8280, -18.6492,
101.8828)**

Conversions

Conversions Part 1

Format	Color
Hex	A8000E
RGB	168, 0, 14
RGB Percent	66%, 0%, 5%
CMY	0.3412, 1.0000, 0.9451
CMYK	0.00, 1.00, 0.92, 0.34
HSL	355°, 100%, 33%
HSV	355°, 100%, 66%
XYZ	16.2277, 8.3565, 1.1731
YIQ	51.8280, 95.6340, 39.9700

Conversions

Conversions Part 2

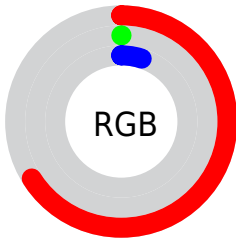
Format	Color
RYB	168, 0, 14
Decimal	11010062
CIELab	34.71, 58.78, 43.27
CIElCh	35, 72.989, 36.354
Yxy	8.3565, 0.6300, 0.3244
Android (android.graphics.Color)	4289200142 (0xFFA8000E)
YUV	51.8280, -18.6492, 101.8828
Hunter-Lab	28.9077, 49.6150, 17.8292

Details

The YUV color **51.8280, -18.6492, 101.8828** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **116.1720, 18.6492, -101.8828**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2930, -30.7104, 97.0900**, and **31.6940, -15.6251, 65.1664** is the 20% darker color. If you saturate the color by 10%, you get **51.8280, -18.6492, 101.8828**, and if you desaturate by 10%, it is **63.5170, -17.0169, 91.6316**.

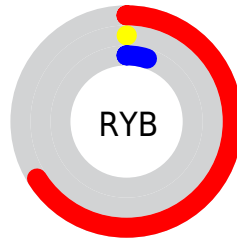
Distribution



Red (66%)

Green (0%)

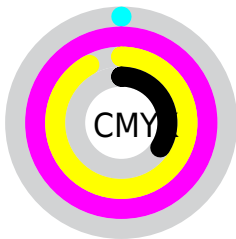
Blue (5%)



Red (66%)

Yellow (0%)

Blue (5%)

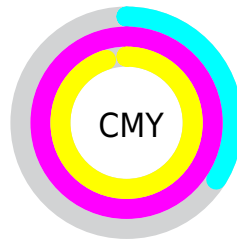


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (34%)



Cyan (34%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 51.8280, -18.6492, 101.8828 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 51.8280, -18.6492, 101.8828 by changing the saturation by 10% instead.


 51.8280, -18.6492,
101.8828

 51.8280, -18.6492,
101.8828


 253.6320, -5.2416,
1.1997

 40.9630, -20.1948,
84.2244


 121.2930,
-30.7104, 97.0900


 31.6940, -15.6251,
65.1664

 147.3420,
-31.7206, 94.4161


 22.8380, -10.7661,
46.6231

 166.6280,
-28.9036, 77.5022

 14.2810, -6.0545,
28.6946

 185.9140,
-26.0866, 60.5884


 0.0000, 0.0000,
0.0000


 206.0150,
-22.6854, 42.9598


 226.1160,


-19.2842, 25.3313


 246.9180,
-15.7356, 7.0879

 51.8280, -18.6492,
101.8828

 63.5170, -17.0169,
91.6316

 75.3200, -14.9478,
81.2804

 86.4220, -13.0260,
71.5439

 98.2250, -10.9569,
61.1927

 109.9140, -9.3246,
50.9414

■ 121.6030, -7.6923,
40.6902

■ 133.4060, -5.6232,
30.3389

■ 144.5080, -3.7014,
20.6025

■ 156.3110, -1.6323,
10.2513

Harmonies

Analogous

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



61.4300, 5.2110, 102.2319



51.8280, -18.6492, 101.8828



75.8840, -37.4108, 52.7217

Triad

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



51.8280, -18.6492, 101.8828



63.2940, -16.4139, -55.5088



73.2820, 62.4720, -64.2683

Complementary

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



51.8280, -18.6492, 101.8828



116.1720, 18.6492, -101.8828

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.



80.3600, 54.0525, -70.4757



51.8280, -18.6492, 101.8828



71.6500, 10.5256, -62.8370

Square

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



51.8280, -18.6492, 101.8828



60.2390, -29.6978, -41.4286



78.1480, 35.4230, -68.5358



81.1340, 47.2619, 7.7755

Rectangle

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



51.8280, -18.6492, 101.8828



77.1920, -38.0557, 26.1416



78.1480, 35.4230, -68.5358



76.8040, 60.7356, -67.3571

Sweetspot

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



51.8280, -18.6492, 101.8828



174.0050, -7.3975, 39.4606



65.1980, 50.6814, 77.8794



82.3020, -4.5859, 24.2911



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.



51.8280, -18.6492, 101.8828



67.5330, -24.4198, 132.8366



91.3220, -45.0217, 67.2466



78.3920, -1.1793, 4.9182



45.6200, -16.5747, 89.7873



6.2080, -2.0745, 12.0956

Inverse Universe

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



51.8280, -18.6492, 101.8828



67.5330, -24.4198, 132.8366



76.6780, 45.0217, -67.2466



78.3920, -1.1793, 4.9182



45.6200, -16.5747, 89.7873



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 51.8280, -18.6492, 101.8828 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 51.8280, -18.6492, 101.8828

Background



This preview shows how black text looks on a background with the YUV color 51.8280, -18.6492, 101.8828.



This preview shows how white text looks on a background with the YUV color 51.8280, -18.6492,

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

51.8280, -18.6492, 101.8828

Protanopia

81.6060, -25.9348, 11.7465

Deuteranopia

79.5400, -39.2132, 24.0824



Tritanopia

58.7380, -28.9578, 94.9458

Trichromacy



Original Color

51.8280, -18.6492, 101.8828

Protanomaly

70.9120, -23.1276, 44.8042

Deuteranomaly

69.6650, -31.8798, 52.0368

Tritanomaly

56.3730, -25.3269, 97.0199

Monochromacy



Original Color

51.8280, -18.6492, 101.8828

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.8090, -6.8078, 37.0015

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.8280, -18.6492, 101.8828 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(168, 0, 14)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 14)  
}
```

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(168, 0, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 14) }
```

Border

The CSS property to change the border of an element to YUV 51.8280, -18.6492, 101.8828 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(168, 0, 14) }
```


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

```
.border{ border-color:rgb(168, 0, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 0, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 14);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 14)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.8280, -18.6492, 101.8828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 0, 14) }
```

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

```
.background{ background-color: rgb(168, 0,  
14) }
```

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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