

Converting Colors

YUV(88.1300, -38.0251,
-77.2900)

Have a look what the booklet for
YUV(88.1300, -38.0251, -77.2900)
contains.

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Color

**YUV(88.1300, -38.0251,
-77.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	00940B
RGB	0, 148, 11
RGB Percent	0%, 58%, 4%
CMY	1.0000, 0.4196, 0.9569
CMYK	1.00, 0.00, 0.93, 0.42
HSL	124°, 100%, 29%
HSV	124°, 100%, 58%
XYZ	10.6503, 21.2040, 3.8481
YIQ	88.1300, -44.2310, -73.9830

Conversions

Conversions Part 2

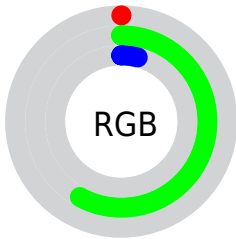
Format	Color
RYB	0, 138, 148
Decimal	37899
CIELab	53.17, -57.10, 53.63
CIELCh	53, 78.338, 136.797
Yxy	21.2040, 0.2983, 0.5939
Android (android.graphics.Color)	4278227979 (0xFF00940B)
YUV	88.1300, -38.0251, -77.2900
Hunter-Lab	46.0478, -39.2986, 27.2788

Details

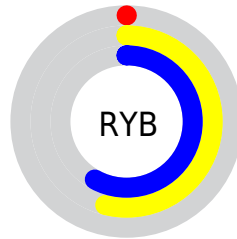
The YUV color **88.1300, -38.0251, -77.2900** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **59.8700, 38.0251, 77.2900**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7950, -39.8319, -57.7022**, and **55.7650, -27.4921, -48.9059** is the 20% darker color. If you saturate the color by 10%, you get **88.1300, -38.0251, -77.2900**, and if you desaturate by 10%, it is **94.2110, -34.1210, -69.4680**.

Distribution



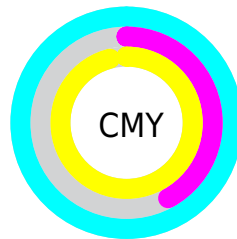
- Red (0%)
- Green (58%)
- Blue (4%)



- Red (0%)
- Yellow (54%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (93%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.1300, -38.0251, -77.2900 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 88.1300, -38.0251, -77.2900 by changing the saturation by 10% instead.

■ 88.1300, -38.0251,
-77.2900

■ 88.1300, -38.0251,
-77.2900

255.0000, 0.0000,
0.0000

■ 71.0270, -35.0163,
-62.2907

■ 153.7950,
-39.8319, -57.7022

■ 55.7650, -27.4921,
-48.9059

■ 182.8660,
-40.8529, -56.8875

■ 41.0900, -20.2574,
-36.0359

■ 208.4150,
-40.1376, -52.9840

■ 28.1760, -13.8908,
-24.7104

■ 220.1640,
-32.6189, -37.8548

■ 11.1530, -5.4984,
-9.7812


■ 232.3260,
-24.8107, -22.2109


■ 0.0000, 0.0000,
0.0000


■ 244.4880,


-17.0026, -6.5670


 253.1760, -6.9888,
1.5996


 88.1300, -38.0251,
-77.2900

 94.2110, -34.1210,
-69.4680

 100.1780,
-30.6538, -61.5461

 105.9600,
-26.6023, -54.3389

 112.0410,
-22.6982, -46.5170

 118.0080,
-19.2309, -38.5950

■ 124.0890,
-15.3269, -30.7731

■ 130.1700,
-11.4228, -22.9511

■ 135.9520, -7.3713,
-15.7439

■ 141.9190, -3.9041,
-7.8220

Harmonies

Analogous

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



114.8260, -56.6092, 3.6606



88.1300, -38.0251, -77.2900



101.1140, -3.5072, -88.6770

Triad

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



88.1300, -38.0251, -77.2900



113.5980, 69.7112, -99.6254



106.1520, -6.4839, 120.0157

Complementary

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



88.1300, -38.0251, -77.2900



59.8700, 38.0251, 77.2900

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.



112.8380, 23.2509, 102.7511



88.1300, -38.0251, -77.2900



100.6840, 76.0778, -88.2999

Square

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



88.1300, -38.0251, -77.2900



116.0480, 53.7133, -101.7741



129.0610, 44.8329, 40.2885



115.6010, -44.6663, 93.3119

Rectangle

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



88.1300, -38.0251, -77.2900



107.6460, 16.4435, -94.4055



129.0610, 44.8329, 40.2885



103.9640, 5.4407, 121.9346

Sweetspot

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



88.1300, -38.0251, -77.2900



167.9150, -14.7481, -29.7435



128.1380, -63.1720, 8.6490



82.8870, -8.8183, -18.3179



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



88.1300, -38.0251, -77.2900



113.7130, -49.1585, -99.7263



96.4520, -6.1388, -84.5884



71.1090, -2.0257, -3.6036



82.1460, -35.5680, -72.0420



5.9840, -2.4571, -5.2480

Inverse Universe

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



59.8700, 38.0251, 77.2900



77.2870, 49.1585, 99.7263



51.5480, 6.1388, 84.5884



69.7770, 1.5889, 3.7036



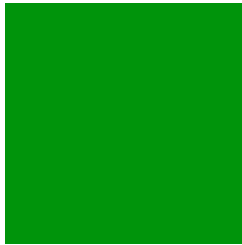
55.7400, 35.1312, 72.1420



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 88.1300, -38.0251, -77.2900 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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 × Fail

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

YUV 88.1300, -38.0251, -77.2900

Background



This preview shows how black text looks on a background with the YUV color 88.1300, -38.0251, -77.2900.



This preview shows how white text looks on a background with the YUV color 88.1300, -38.0251,

-77.2900.

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

88.1300, -38.0251, -77.2900

Protanopia

117.3060, -57.8319, 22.5336

Deuteranopia

121.8570, -43.3135, 32.5744



Tritanopia

116.5300, 16.0077, -47.8228

Trichromacy



Original Color

88.1300, -38.0251, -77.2900



Protanomaly

106.9100, -50.7346, -13.9531



Deuteranomaly

109.4730, -41.1522, -7.4308



Tritanomaly

106.3010, -3.5994, -59.0230

Monochromacy



Original Color

88.1300, -38.0251, -77.2900



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

88.1540, -13.8799, -28.1991

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.1300, -38.0251, -77.2900 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(0, 148, 11)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 11)  
}
```

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(0, 148, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 11) }
```

Border

The CSS property to change the border of an element to YUV 88.1300, -38.0251, -77.2900 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(0, 148, 11) }
```


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

```
.border{ border-color:rgb(0, 148, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 148, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 11);  
box-shadow:4px 4px 4px 4px rgb(0, 148, 11)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.1300, -38.0251, -77.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 11) }
```

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

```
.background{ background-color: rgb(0, 148,  
11) }
```

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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