

Converting Colors

YUV(58.2900, -22.8210,
86.5687)

Have a look what the booklet for
YUV(58.2900, -22.8210, 86.5687)
contains.

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Color

**YUV(58.2900, -22.8210,
86.5687)**

Conversions

Conversions Part 1

Format	Color
Hex	9D110C
RGB	157, 17, 12
RGB Percent	62%, 7%, 5%
CMY	0.3843, 0.9333, 0.9529
CMYK	0.00, 0.89, 0.92, 0.38
HSL	2°, 86%, 33%
HSV	2°, 92%, 62%
XYZ	14.1714, 7.5955, 1.0670
YIQ	58.2900, 85.0450, 28.1250

Conversions

Conversions Part 2

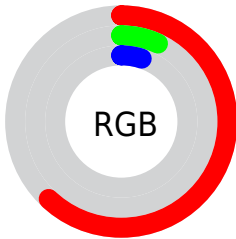
Format	Color
RYB	157, 17, 12
Decimal	10293516
CIELab	33.13, 53.38, 41.90
CIELCh	33, 67.863, 38.129
Yxy	7.5955, 0.6206, 0.3326
Android (android.graphics.Color)	4288483596 (0xFF9D110C)
YUV	58.2900, -22.8210, 86.5687
Hunter-Lab	27.5600, 43.5552, 16.9966

Details

The YUV color **58.2900, -22.8210, 86.5687** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **110.7100, 22.8210, -86.5687**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9390, -30.5359, 87.7535**, and **28.7040, -14.1511, 59.0186** is the 20% darker color. If you saturate the color by 10%, you get **49.8780, -24.5899, 93.9460**, and if you desaturate by 10%, it is **68.9190, -20.1731, 77.2470**.

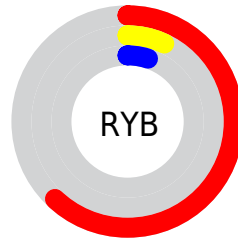
Distribution



Red (62%)

Green (7%)

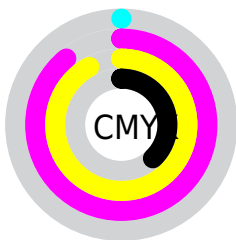
Blue (5%)



Red (62%)

Yellow (7%)

Blue (5%)

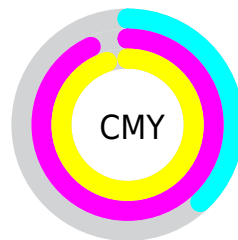


Cyan (0%)

Magenta (89%)

Yellow (92%)

Black (38%)



Cyan (38%)

Magenta (93%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.2900, -22.8210, 86.5687 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 58.2900, -22.8210, 86.5687 by changing the saturation by 10% instead.

■ 58.2900, -22.8210,
86.5687

■ 58.2900, -22.8210,
86.5687

■ 253.4040, -6.1152,
1.3997

■ 37.9730, -18.7207,
78.0767

■ 118.9390,
-30.5359, 87.7535

■ 28.7040, -14.1511,
59.0186

■ 147.0920,
-32.5834, 91.1273

■ 20.1470, -9.4395,
41.0901

■ 167.5740,
-30.3560, 76.6726

■ 11.1770, -5.0173,
22.6468


■ 186.8600,
-27.5390, 59.7588


■ 0.0000, 0.0000,
0.0000


■ 206.3740,
-23.8484, 42.6450


■ 226.4750,


-20.4472, 25.0164


 246.6900,
-16.6092, 7.2879


 58.2900, -22.8210,
86.5687


 58.2900, -22.8210,
86.5687


 49.8780, -24.5899,
93.9460

 68.9190, -20.1731,
77.2470

 79.4340, -17.9620,
68.0254

 90.0630, -15.3141,
58.7037

 101.2790,
-12.9555, 48.8673

 111.9080,
-10.3076, 39.5457

■ 122.4230, -8.0965,
30.3240

■ 133.0520, -5.4486,
21.0024

■ 143.6810, -2.8007,
11.6808

■ 154.1960, -0.5896,
2.4591

Harmonies

Analogous

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



57.7560, 4.0643, 96.6840



58.2900, -22.8210, 86.5687



72.6060, -35.7948, 47.7035

Triad

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



58.2900, -22.8210, 86.5687



60.8150, -13.2198, -53.3348



68.7510, 57.8038, -60.2946

Complementary

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



58.2900, -22.8210, 86.5687



110.7100, 22.8210, -86.5687

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.



75.5840, 50.9841, -66.2872



58.2900, -22.8210, 86.5687



68.6010, 11.5357, -60.1631

Square

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



58.2900, -22.8210, 86.5687



56.6950, -27.9506, -41.8285



74.5290, 34.2492, -65.3619



77.9020, 42.4463, 12.3639

Rectangle

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



58.2900, -22.8210, 86.5687



73.6260, -36.2976, 22.2530



74.5290, 34.2492, -65.3619



72.3870, 56.5042, -63.4834

Sweetspot

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



58.2900, -22.8210, 86.5687



165.2170, -8.9810, 34.0127



71.3150, 39.7777, 75.1457



78.6390, -5.7380, 20.4876



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



58.2900, -22.8210, 86.5687



65.1050, -32.0968, 121.8109



100.5540, -43.6571, 49.5031



73.3920, -1.1793, 4.9182



45.6920, -22.5262, 85.3391



5.0720, -2.5005, 8.7069

Inverse Universe

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



110.7100, 22.8210, -86.5687



138.8950, 32.0968, -121.8109



68.4460, 43.6571, -49.5031



76.6080, 1.1793, -4.9182



97.3080, 22.5262, -85.3391



10.5150, 2.2111, -9.2217

Previews

White Background



This preview shows how the YUV color 58.2900, -22.8210, 86.5687 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 58.2900, -22.8210, 86.5687

Background



This preview shows how black text looks on a background with the YUV color 58.2900, -22.8210, 86.5687.



This preview shows how white text looks on a background with the YUV color 58.2900, -22.8210,

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

58.2900, -22.8210, 86.5687

Protanopia

76.7200, -25.4980, 11.6466

Deuteranopia

74.8110, -36.8818, 22.9678



Tritanopia

58.2900, -22.8210, 86.5687

Trichromacy



Original Color

58.2900, -22.8210, 86.5687

Protanomaly

69.8250, -24.5637, 38.7415

Deuteranomaly

68.9200, -32.0056, 45.6742

Tritanomaly

58.2900, -22.8210, 86.5687

Monochromacy



Original Color

58.2900, -22.8210, 86.5687

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.0210, -8.3914, 31.5536

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.2900, -22.8210, 86.5687 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(157, 17, 12)` looks like.

```
.text, #text, p{  
    color:rgb(157, 17, 12)  
}
```

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(157, 17, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 17, 12) }
```

Border

The CSS property to change the border of an element to YUV 58.2900, -22.8210, 86.5687 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(157, 17, 12) }
```


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

```
.border{ border-color:rgb(157, 17, 12) }
```

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

Here you see how a box with a 4 pixel rgb(157, 17, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 17, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 17, 12);  
box-shadow:4px 4px 4px 4px rgb(157, 17,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 58.2900, -22.8210, 86.5687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 17, 12) }
```

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

```
.background{ background-color: rgb(157, 17,  
12) }
```

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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