

Converting Colors

YUV(118.8900, 30.1272,
-49.8925)

Have a look what the booklet for
YUV(118.8900, 30.1272, -49.8925)
contains.

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Color

**YUV(118.8900, 30.1272,
-49.8925)**

Conversions

Conversions Part 1

Format	Color
Hex	3E88B4
RGB	62, 136, 180
RGB Percent	24%, 53%, 71%
CMY	0.7569, 0.4667, 0.2941
CMYK	0.66, 0.24, 0.00, 0.29
HSL	202°, 49%, 47%
HSV	202°, 66%, 71%
XYZ	19.0290, 21.9277, 46.4096
YIQ	118.8900, -58.2280, -2.0040

Conversions

Conversions Part 2

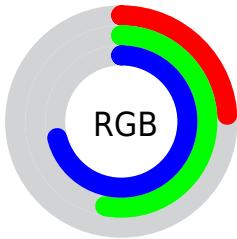
Format	Color
R _Y B	62, 107, 180
Decimal	4098228
CIE Lab	53.95, -9.01, -29.91
CIE LCh	54, 31.238, 253.241
Yxy	21.9277, 0.2178, 0.2510
Android (android.graphics.Color)	4282288308 (0xFF3E88B4)
YUV	118.8900, 30.1272, -49.8925
Hunter-Lab	46.8271, -9.4108, -25.9824

Details

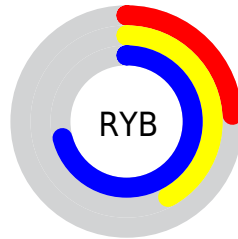
The YUV color **118.8900, 30.1272, -49.8925** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **123.1100, -30.1272, 49.8925**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0260, 30.5532, -46.5038**, and **64.9600, 30.5857, -56.9699** is the 20% darker color. If you saturate the color by 10%, you get **109.3990, 34.8063, -57.3549**, and if you desaturate by 10%, it is **128.3810, 25.4482, -42.4301**.

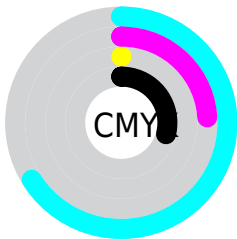
Distribution



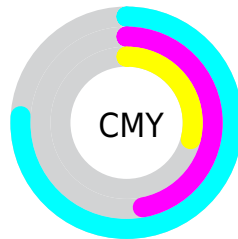
- Red (24%)
- Green (53%)
- Blue (71%)



- Red (24%)
- Yellow (42%)
- Blue (71%)



- Cyan (66%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (76%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.8900, 30.1272, -49.8925 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 118.8900, 30.1272, -49.8925 by changing the saturation by 10% instead.

■ 118.8900, 30.1272,
-49.8925

■ 118.8900, 30.1272,
-49.8925

■ 255.0000, 0.0000,
0.0000

■ 89.7750, 31.1699,
-57.6847

■ 174.0260, 30.5532,
-46.5038

■ 64.9600, 30.5857,
-56.9699

■ 201.2990, 26.4746,
-44.9892

■ 48.6090, 26.3218,
-42.6301

■ 226.4060, 14.0968,
-41.5751

■ 32.9590, 22.2052,
-28.9050

■ 240.9470, 6.9281,
-28.8945

■ 19.0700, 17.2205,
-16.7244

■ 249.9170, 2.5059,
-10.4512

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 118.8900, 30.1272,
-49.8925

■ 118.8900, 30.1272,
-49.8925

■ 109.3990, 34.8063,
-57.3549

■ 128.3810, 25.4482,
-42.4301

■ 100.4950, 39.1960,
-65.3321

■ 137.2850, 21.0585,
-34.4529

■ 91.0040, 43.8750,
-72.7945

■ 146.7760, 16.3794,
-26.9906

■ 86.8510, 45.9225,
-76.1683

■ 156.2670, 11.7004,
-19.5282

■ 165.7580, 7.0213,
-12.0658

■ 174.6620, 2.6316,
-4.0886

■ 184.1530, -2.0474,
3.3738

■ 193.6440, -6.7265,
10.8362

■ 202.5480,
-11.1162, 18.8134

Harmonies

Analogous

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



103.9690, 30.0883, -84.1648



118.8900, 30.1272, -49.8925



128.3610, 25.9510, -16.9796

Triad

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



118.8900, 30.1272, -49.8925



130.9670, -6.3927, 43.8789



122.5470, -16.5387, -15.3887

Complementary

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



118.8900, 30.1272, -49.8925



123.1100, -30.1272, 49.8925

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.



125.9260, -24.6135, 7.9579



118.8900, 30.1272, -49.8925



129.5570, -18.0226, 40.7305

Square

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



118.8900, 30.1272, -49.8925



132.5280, 6.1487, 34.6169



128.3460, -24.8206, 27.7606



117.4650, -2.2012, -40.7498

Rectangle

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



118.8900, 30.1272, -49.8925



131.5270, 20.9392, 3.9228



128.3460, -24.8206, 27.7606



123.6790, -20.0547, -7.6115

Sweetspot

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



118.8900, 30.1272, -49.8925



210.3810, 12.1372, -19.6281



136.1680, -15.3658, -65.0453



102.7580, 7.0213, -12.0658



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



118.8900, 30.1272, -49.8925



138.2960, 47.6751, -78.3126



84.8440, 46.9119, -20.0342



84.5480, 2.1948, -3.9886



73.7940, 39.0486, -64.7173



12.3560, 6.7265, -10.8362

Inverse Universe

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



105.7180, 14.9290, 65.1453



117.8380, 23.2509, 102.7511



157.1560, -46.9119, 20.0342



83.3750, 1.2941, 4.9331



56.6910, 19.3793, 84.4630



9.5980, 3.1562, 14.3846

Previews

White Background



This preview shows how the YUV color 118.8900, 30.1272, -49.8925 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



This preview shows how the YUV color 118.8900, 30.1272, -49.8925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

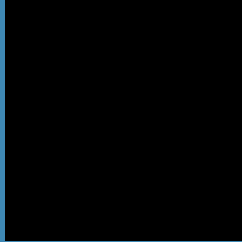
Any Text WCAG AA ✓ Pass

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 118.8900, 30.1272, -49.8925 Background



This preview shows how black text looks on a background with the YUV color 118.8900, 30.1272, -49.8925.



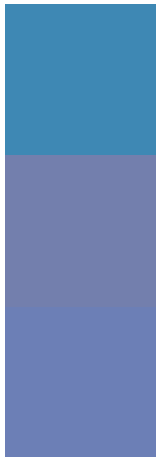
This preview shows how white text looks on a background with the YUV color 118.8900, 30.1272, -49.8925.

-49.8925.

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

118.8900, 30.1272, -49.8925

Protanopia

128.6560, 21.8616, -11.9763

Deuteranopia

127.5890, 26.8246, -17.1796



Tritanopia

114.1480, 18.6610, -58.8888

Trichromacy



Original Color

118.8900, 30.1272, -49.8925

Protanomaly

125.0780, 25.1045, -25.5014

Deuteranomaly

124.1530, 28.0256, -29.0752

Tritanomaly

115.6090, 22.8708, -55.7851

Monochromacy



Original Color

118.8900, 30.1272, -49.8925

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.7510, 10.9688, -18.1986

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.8900, 30.1272, -49.8925 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(62, 136, 180)` looks like.

```
.text, #text, p{  
    color:rgb(62, 136, 180)  
}
```

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(62, 136, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 136, 180) }
```

Border

The CSS property to change the border of an element to YUV 118.8900, 30.1272, -49.8925 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(62, 136, 180) }
```


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

```
.border{ border-color:rgb(62, 136, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 136, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 136, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 136, 180);  
box-shadow:4px 4px 4px 4px rgb(62, 136,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 118.8900, 30.1272, -49.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 136, 180) }
```

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

```
.background{ background-color: rgb(62, 136,  
180) }
```

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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