

Converting Colors

YUV(129.1780, -49.8808,
85.7899)

Have a look what the booklet for
YUV(129.1780, -49.8808, 85.7899)
contains.

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Color

**YUV(129.1780, -49.8808,
85.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	E3631C
RGB	227, 99, 28
RGB Percent	89%, 39%, 11%
CMY	0.1098, 0.6118, 0.8902
CMYK	0.00, 0.56, 0.88, 0.11
HSL	21°, 78%, 50%
HSV	21°, 88%, 89%
XYZ	36.3500, 25.3384, 4.0736
YIQ	129.1780, 99.0790, 5.0550

Conversions

Conversions Part 2

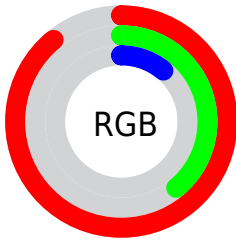
Format	Color
R_{YB}	227, 138, 28
Decimal	14902044
CIE Lab	57.40, 46.54, 59.67
CIE LCh	57, 75.669, 52.048
Yxy	25.3384, 0.5528, 0.3853
Android (android.graphics.Color)	4293092124 (0xFFE3631C)
YUV	129.1780, -49.8808, 85.7899
Hunter-Lab	50.3373, 40.8097, 30.4380

Details

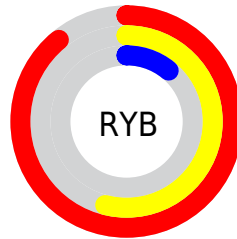
The YUV color **129.1780, -49.8808, 85.7899** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **125.8220, 49.8808, -85.7899**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2900, -46.4850, 69.9057**, and **76.0380, -37.4867, 77.1427** is the 20% darker color. If you saturate the color by 10%, you get **117.7510, -55.5862, 95.8114**, and if you desaturate by 10%, it is **140.6050, -44.1753, 75.7684**.

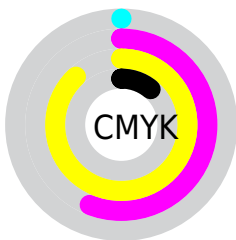
Distribution



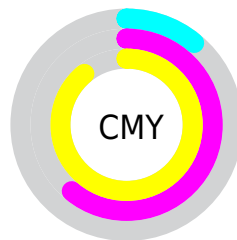
- Red (89%)
- Green (39%)
- Blue (11%)



- Red (89%)
- Yellow (54%)
- Blue (11%)



- Cyan (0%)
- Magenta (56%)
- Yellow (88%)
- Black (11%)





- Cyan (11%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.1780, -49.8808, 85.7899 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 129.1780, -49.8808, 85.7899 by changing the saturation by 10% instead.


 129.1780,
-49.8808, 85.7899


 129.1780,
-49.8808, 85.7899


255.0000, 0.0000,
0.0000


 101.1560,
-49.8699, 82.3012


 175.2900,
-46.4850, 69.9057


 76.0380, -37.4867,
77.1427


 194.6900,
-43.2312, 52.8919

 47.9850, -23.6566,
74.5582


 214.0900,
-39.9774, 35.8781

 30.4980, -15.0355,
62.7073

 234.1910,
-36.5762, 18.2495

 21.8270, -10.7607,
44.8787

 247.3620,
-29.2655, 6.6985

 14.2810, -6.0545,
28.6946

 250.5540,

 0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,
0.9998

129.1780,
-49.8808, 85.7899

129.1780,
-49.8808, 85.7899

117.7510,
-55.5862, 95.8114

140.6050,
-44.1753, 75.7684

115.4200,
-56.9021, 97.8557

151.3310,
-38.6172, 66.3617

162.7580,
-32.9117, 56.3402

173.5980,
-26.9168, 46.8336

185.0250,
-21.2113, 36.8121

■ 196.3380,
-15.9426, 26.8906

■ 207.1780, -9.9478,
17.3839

■ 218.6050, -4.2423,
7.3624

■ 229.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



124.6920, -15.6242, 111.6491



129.1780, -49.8808, 85.7899



129.8420, -64.0121, 44.8656

Triad

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



129.1780, -49.8808, 85.7899



110.7800, 3.0665, -97.1541



131.4150, 60.9274, -35.4440

Complementary

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



129.1780, -49.8808, 85.7899



125.8220, 49.8808, -85.7899

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.



117.7070, 67.6854, -103.2290



129.1780, -49.8808, 85.7899



119.2330, 32.9161, -104.5673

Square

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



129.1780, -49.8808, 85.7899



99.3920, -25.3363, -87.1668



123.2690, 58.5344, -108.1069



139.7590, 39.5588, 51.9544

Rectangle

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



129.1780, -49.8808, 85.7899



126.3990, -62.3147, 13.6821



123.2690, 58.5344, -108.1069



109.4890, 71.7369, -96.0219

Sweetspot

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



129.1780, -49.8808, 85.7899



222.2350, -16.3849, 28.7349



102.2070, 27.0129, 109.4435



108.1780, -9.9478, 17.3839



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



129.1780, -49.8808, 85.7899



129.6620, -63.9234, 109.9214



186.7040, -78.2411, 35.3396



108.9360, -2.9264, 5.3181



91.0890, -44.9069, 77.0979



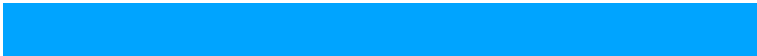
25.8150, -12.7268, 22.0872

Inverse Universe

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



125.8220, 49.8808, -85.7899



125.3380, 63.9234, -109.9214



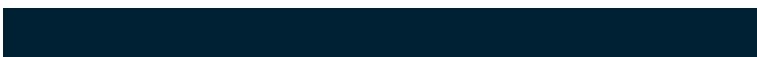
68.2960, 78.2411, -35.3396



109.0640, 2.9264, -5.3181



87.9110, 44.9069, -77.0979



25.1850, 12.7268, -22.0872

Previews

White Background



This preview shows how the YUV color 129.1780, -49.8808, 85.7899 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 129.1780, -49.8808, 85.7899 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 129.1780, -49.8808, 85.7899

Background



This preview shows how black text looks on a background with the YUV color 129.1780, -49.8808, 85.7899.



This preview shows how white text looks on a background with the YUV color 129.1780, -49.8808, 85.7899.

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

129.1780, -49.8808, 85.7899

Protanopia

132.2700, -46.4751, 19.9342

Deuteranopia

129.2220, -63.7064, 40.1473



Tritanopia

133.6470, -17.5740, 83.6246

Trichromacy



Original Color

129.1780, -49.8808, 85.7899

Protanomaly

130.7830, -47.7140, 44.0403

Deuteranomaly

128.9990, -58.6665, 57.0059

Tritanomaly

132.2590, -29.2147, 83.9649

Monochromacy



Original Color

129.1780, -49.8808, 85.7899

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0890, -18.2849, 31.4939

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.1780, -49.8808, 85.7899 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(227, 99, 28)` looks like.

```
.text, #text, p{  
    color:rgb(227, 99, 28)  
}
```

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(227, 99, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 99, 28) }
```

Border

The CSS property to change the border of an element to YUV 129.1780, -49.8808, 85.7899 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(227, 99, 28) }
```


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

```
.border{ border-color:rgb(227, 99, 28) }
```

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

Here you see how a box with a 4 pixel rgb(227, 99, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 99, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 99, 28);  
box-shadow:4px 4px 4px 4px rgb(227, 99,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 129.1780, -49.8808, 85.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 99, 28) }
```

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

```
.background{ background-color: rgb(227, 99,  
28) }
```

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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