

Converting Colors

YUV(129.9010, 46.8838,
-57.7952)

Have a look what the booklet for
YUV(129.9010, 46.8838, -57.7952)
contains.

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Color

**YUV(129.9010, 46.8838,
-57.7952)**

Conversions

Conversions Part 1

Format	Color
Hex	4091E1
RGB	64, 145, 225
RGB Percent	25%, 57%, 88%
CMY	0.7490, 0.4314, 0.1176
CMYK	0.72, 0.36, 0.00, 0.12
HSL	210°, 73%, 57%
HSV	210°, 72%, 88%
XYZ	25.8304, 26.7770, 75.0412
YIQ	129.9010, -73.9560, 7.7080

Conversions

Conversions Part 2

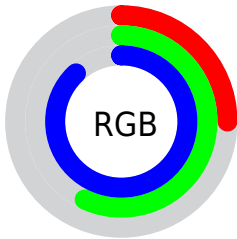
Format	Color
R _{YB}	64, 118, 225
Decimal	4231649
CIE Lab	58.77, 1.59, -47.75
CIE LCh	59, 47.779, 271.912
Yxy	26.7770, 0.2024, 0.2098
Android (android.graphics.Color)	4282421729 (0xFF4091E1)
YUV	129.9010, 46.8838, -57.7952
Hunter-Lab	51.7465, -1.4544, -49.7580

Details

The YUV color **129.9010, 46.8838, -57.7952** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **159.0990, -46.8838, 57.7952**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.7530, 34.6318, -48.0184**, and **75.0310, 46.3267, -65.8022** is the 20% darker color. If you saturate the color by 10%, you get **116.8660, 53.3101, -65.6575**, and if you desaturate by 10%, it is **143.2350, 40.3101, -49.3181**.

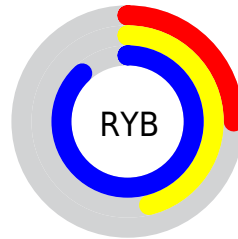
Distribution



Red (25%)

Green (57%)

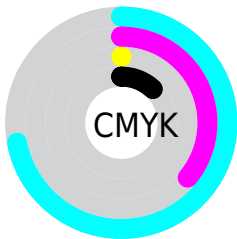
Blue (88%)



Red (25%)

Yellow (46%)

Blue (88%)

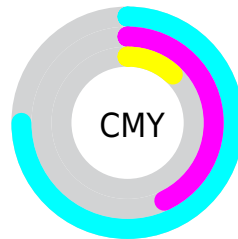


Cyan (72%)

Magenta (36%)

Yellow (0%)

Black (12%)



Cyan (75%)

Magenta (43%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.9010, 46.8838, -57.7952 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 129.9010, 46.8838, -57.7952 by changing the saturation by 10% instead.

■ 129.9010, 46.8838,
-57.7952

■ 129.9010, 46.8838,
-57.7952

255.0000, 0.0000,
0.0000

■ 95.5890, 49.9956,
-75.9386

■ 184.7530, 34.6318,
-48.0184

■ 75.0310, 46.3267,
-65.8022

■ 209.5720, 22.3960,
-43.4746

■ 58.4520, 41.1892,
-51.2624

■ 235.5650, 9.5815,
-39.9605

■ 42.5740, 36.1990,
-37.3374

■ 244.8340, 5.0118,
-20.9024

■ 27.9840, 31.0669,
-24.5420

■ 253.8040, 0.5896,
-2.4591

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 129.9010, 46.8838,
-57.7952

■ 129.9010, 46.8838,
-57.7952

■ 116.8660, 53.3101,
-65.6575

■ 143.2350, 40.3101,
-49.3181

■ 103.5320, 59.8837,
-74.1346

■ 156.2700, 33.8839,
-41.4558

■ 91.9810, 65.5784,
-80.6673

■ 170.1910, 27.0208,
-33.4935

■ 183.2260, 20.5946,
-25.6312

■ 196.5600, 14.0209,
-17.1541

■ 209.5950, 7.5947,
-9.2918

■ 222.9290, 1.0210,
-0.8147

■ 235.9640, -5.4053,
7.0476

■ 246.2970,
-10.4994, 7.6325

Harmonies

Analogous

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



116.0820, 48.7666, -101.8039



129.9010, 46.8838, -57.7952



143.9580, 34.0377, 2.6678

Triad

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



129.9010, 46.8838, -57.7952



140.4400, -20.4299, 66.2661



123.2710, -11.4726, -53.7347

Complementary

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



129.9010, 46.8838, -57.7952



159.0990, -46.8838, 57.7952

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.



132.7420, -32.4108, -11.1747



129.9010, 46.8838, -57.7952



139.6170, -35.8002, 49.4479

Square

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



129.9010, 46.8838, -57.7952



142.4780, -1.2217, 65.3558



136.9590, -41.3918, 22.8380



111.3960, 15.5808, -97.6943

Rectangle

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



129.9010, 46.8838, -57.7952



145.8000, 23.7626, 31.7474



136.9590, -41.3918, 22.8380



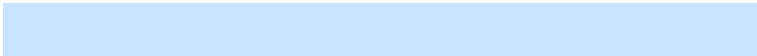
127.6060, -19.5258, -37.3655

Sweetspot

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



129.9010, 46.8838, -57.7952



223.0050, 15.7735, -19.2984



167.3990, -12.5217, -90.6809



109.0400, 9.3473, -11.4361



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.



129.9010, 46.8838, -57.7952



125.5360, 63.8258, -78.5231



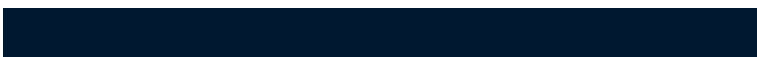
84.1150, 69.4563, -17.6409



105.7760, 3.0684, -4.1886



72.3070, 51.1206, -63.4132



19.5600, 14.0209, -17.1541

Inverse Universe

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



121.3730, 11.6481, 90.8809



114.0210, 15.7656, 123.6386



204.8850, -69.4563, 17.6409



104.9730, 0.9993, 6.1627



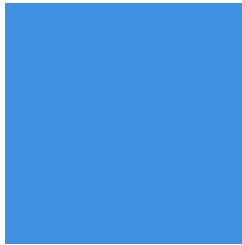
62.7700, 12.9314, 99.3027



17.0880, 3.4076, 27.1098

Previews

White Background



This preview shows how the YUV color 129.9010, 46.8838, -57.7952 looks on a white background.

Color Contrast Check

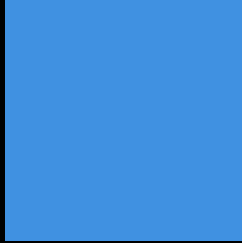
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.9010, 46.8838, -57.7952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

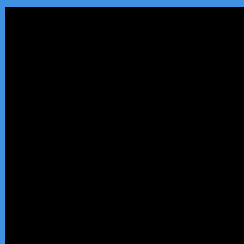
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

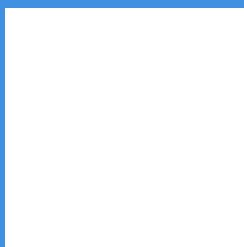
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 129.9010, 46.8838, -57.7952

Background



This preview shows how black text looks on a background with the YUV color 129.9010, 46.8838, -57.7952.



This preview shows how white text looks on a background with the YUV color 129.9010, 46.8838, -57.7952.

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

129.9010, 46.8838, -57.7952

Protanopia

139.1610, 39.3606, -24.6972

Deuteranopia

135.4410, 44.6456, -39.8518



Tritanopia

110.8380, 28.6739, -97.2049

Trichromacy



Original Color

129.9010, 46.8838, -57.7952

Protanomaly

136.0670, 41.8720, -36.8928

Deuteranomaly

133.3370, 45.6829, -45.8995

Tritanomaly

117.6470, 35.1770, -83.0054

Monochromacy



Original Color

129.9010, 46.8838, -57.7952

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7490, 17.3787, -20.8279

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.9010, 46.8838, -57.7952 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(64, 145, 225)` looks like.

```
.text, #text, p{  
    color:rgb(64, 145, 225)  
}
```

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(64, 145, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 145, 225) }
```

Border

The CSS property to change the border of an element to YUV 129.9010, 46.8838, -57.7952 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(64, 145, 225) }
```


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

```
.border{ border-color:rgb(64, 145, 225) }
```

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

Here you see how a box with a 4 pixel rgb(64, 145, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 145, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 145, 225);  
box-shadow:4px 4px 4px 4px rgb(64, 145,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 129.9010, 46.8838, -57.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 145, 225) }
```

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

```
.background{ background-color: rgb(64, 145,  
225) }
```

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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