

Converting Colors

YUV(157.1870, 23.0788,
-29.1050)

Have a look what the booklet for
YUV(157.1870, 23.0788, -29.1050)
contains.

YUV(157.1870, 23.0788, -29.1050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(157.1870, 23.0788,
-29.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA5CC
RGB	124, 165, 204
RGB Percent	49%, 65%, 80%
CMY	0.5137, 0.3529, 0.2000
CMYK	0.39, 0.19, 0.00, 0.20
HSL	209°, 44%, 64%
HSV	209°, 39%, 80%
XYZ	32.6664, 35.5550, 62.2678
YIQ	157.1870, -36.9550, 3.4370

Conversions

Conversions Part 2

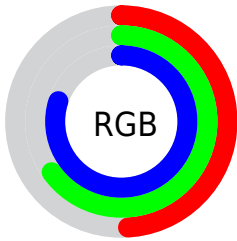
Format	Color
RYB	124, 151, 204
Decimal	8168908
CIELab	66.18, -3.98, -24.32
CIELCh	66, 24.646, 260.697
Yxy	35.5550, 0.2503, 0.2725
Android (android.graphics.Color)	4286358988 (0xFF7CA5CC)
YUV	157.1870, 23.0788, -29.1050
Hunter-Lab	59.6280, -6.5602, -20.1753

Details

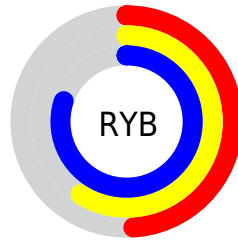
The YUV color **157.1870, 23.0788, -29.1050** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **170.8130, -23.0788, 29.1050**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.7310, 21.3316, -28.7051**, and **104.6600, 22.3526, -29.5198** is the 20% darker color. If you saturate the color by 10%, you get **145.3370, 28.9209, -36.2525**, and if you desaturate by 10%, it is **169.0370, 17.2368, -21.9574**.

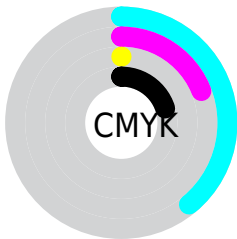
Distribution



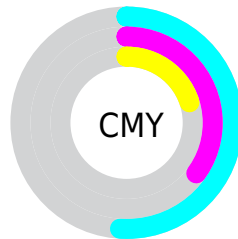
- Red (49%)
- Green (65%)
- Blue (80%)



- Red (49%)
- Yellow (59%)
- Blue (80%)



- Cyan (39%)
- Magenta (19%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.1870, 23.0788, -29.1050 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 157.1870, 23.0788, -29.1050 by changing the saturation by 10% instead.

■ 157.1870, 23.0788,
-29.1050

■ 157.1870, 23.0788,
-29.1050

■ 255.0000, 0.0000,
0.0000

■ 130.6600, 22.3526,
-29.5198

■ 211.7310, 21.3316,
-28.7051

■ 104.6600, 22.3526,
-29.5198

■ 236.5390, 9.1013,
-25.9057

■ 79.2360, 22.0687,
-31.7790

■ 249.3190, 2.8007,
-11.6808

■ 52.7190, 22.8165,
-38.3416

■ 34.3780, 20.0266,
-30.1495

■ 20.0160, 15.7681,
-17.5540

■ 4.7080, 12.9620,

-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 157.1870, 23.0788,
-29.1050

■ 157.1870, 23.0788,
-29.1050

■ 145.3370, 28.9209,
-36.2525

■ 169.0370, 17.2368,
-21.9574

■ 133.1880, 34.9103,
-44.0149

■ 181.1860, 11.2473,
-14.1951

■ 121.3380, 40.7524,
-51.1624

■ 193.0360, 5.4053,
-7.0476

■ 109.1890, 46.7418,
-58.9248

■ 205.1850, -0.5842,
0.7148

■ 97.3390, 52.5839,
-66.0723

■ 217.0350, -6.4263,
7.8623

■ 85.4890, 58.4259,
-73.2199

■ 228.8850,
-12.2683, 15.0099

■ 84.8910, 58.7207,
-74.4494

■ 237.4460,
-16.4889, 15.3949

■ 243.3160,
-19.3828, 10.2469

■ 249.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



151.8060, 20.8016, -45.4339



157.1870, 23.0788, -29.1050



162.1190, 19.6613, -6.2434

Triad

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



157.1870, 23.0788, -29.1050



163.3530, -8.5550, 37.4014



155.5020, -11.5865, -17.1033

Complementary

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



157.1870, 23.0788, -29.1050



170.8130, -23.0788, 29.1050

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.



157.9730, -19.2137, 2.6547



157.1870, 23.0788, -29.1050



162.4420, -16.9799, 32.9384

Square

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



157.1870, 23.0788, -29.1050



164.1810, 2.3758, 31.4133



160.2140, -21.3045, 19.9833



152.4810, 0.2559, -35.5018

Rectangle

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



157.1870, 23.0788, -29.1050



163.3660, 15.1026, 9.3260



160.2140, -21.3045, 19.9833



156.1500, -14.3710, -10.6556

Sweetspot

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



157.1870, 23.0788, -29.1050



236.9260, 8.9105, -11.3361



175.4060, -6.1162, -45.0831



117.3350, 5.2578, -6.4328



0.0000, 0.0000, 0.0000



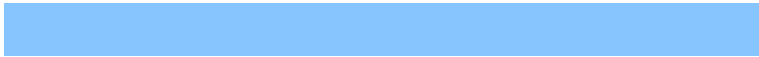
128.0000, 0.0000, 0.0000

Same Dimension

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



157.1870, 23.0788, -29.1050



185.0740, 34.4735, -43.9149



133.7070, 34.6544, -8.5130



96.0750, 2.9210, -3.5738



68.8190, 47.9102, -60.3543



16.0720, 10.8105, -14.0951

Inverse Universe

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



152.5940, 6.1162, 45.0831



177.9480, 9.3926, 67.5746



194.2930, -34.6544, 8.5130



95.5600, 0.7099, 5.6479



59.3240, 12.6583, 93.5549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 157.1870, 23.0788, -29.1050 looks on a white background.

Color Contrast Check

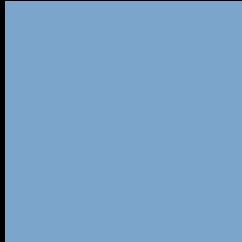
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 157.1870, 23.0788, -29.1050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

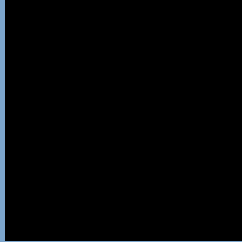
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.1870, 23.0788, -29.1050 Background



This preview shows how black text looks on a background with the YUV color 157.1870, 23.0788, -29.1050.



This preview shows how white text looks on a background with the YUV color 157.1870, 23.0788, -29.1050.

-29.1050.

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

157.1870, 23.0788, -29.1050

Protanopia

161.2820, 19.0880, -9.0173

Deuteranopia

161.0910, 22.1401, -7.9728



Tritanopia

155.2330, 13.1961, -32.6533

Trichromacy



Original Color

157.1870, 23.0788, -29.1050

Protanomaly

159.5800, 20.4201, -16.2947

Deuteranomaly

159.7480, 22.3092, -15.5650

Tritanomaly

156.1560, 16.6851, -31.7088

Monochromacy



Original Color

157.1870, 23.0788, -29.1050

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.1110, 8.3263, -10.6213

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.1870, 23.0788, -29.1050 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(124, 165, 204)` looks like.

```
.text, #text, p{  
    color:rgb(124, 165, 204)  
}
```

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(124, 165, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 165, 204) }
```

Border

The CSS property to change the border of an element to YUV 157.1870, 23.0788, -29.1050 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(124, 165, 204) }
```


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

```
.border{ border-color:rgb(124, 165, 204) }
```

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

Here you see how a box with a 4 pixel rgb(124, 165, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 165, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 165, 204);  
box-shadow:4px 4px 4px 4px rgb(124, 165,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 157.1870, 23.0788, -29.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 165, 204) }
```

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

```
.background{ background-color: rgb(124,  
165, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor