

Converting Colors

YUV(157.8970, 29.6308,
-30.6047)

Have a look what the booklet for
YUV(157.8970, 29.6308, -30.6047)
contains.

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Color

**YUV(157.8970, 29.6308,
-30.6047)**

Conversions

Conversions Part 1

Format	Color
Hex	7BA4DA
RGB	123, 164, 218
RGB Percent	48%, 64%, 85%
CMY	0.5176, 0.3569, 0.1451
CMYK	0.44, 0.25, 0.00, 0.15
HSL	214°, 56%, 67%
HSV	214°, 44%, 85%
XYZ	34.0987, 35.8238, 71.4472
YIQ	157.8970, -41.7700, 8.1020

Conversions

Conversions Part 2

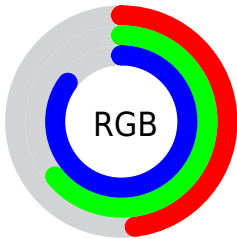
Format	Color
RYB	123, 152, 218
Decimal	8103130
CIELab	66.39, 0.17, -31.75
CIElCh	66, 31.753, 270.309
Yxy	35.8238, 0.2412, 0.2534
Android (android.graphics.Color)	4286293210 (0xFF7BA4DA)
YUV	157.8970, 29.6308, -30.6047
Hunter-Lab	59.8530, -3.0499, -28.8780

Details

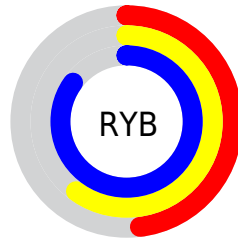
The YUV color **157.8970, 29.6308, -30.6047** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **183.1030, -29.6308, 30.6047**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1440, 21.6210, -28.1903**, and **104.6580, 28.7626, -32.1491** is the 20% darker color. If you saturate the color by 10%, you get **144.2750, 36.3464, -37.9522**, and if you desaturate by 10%, it is **171.5190, 22.9151, -23.2572**.

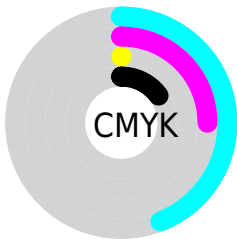
Distribution



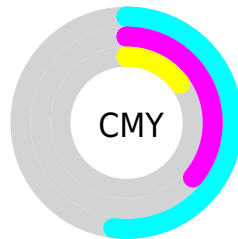
- Red (48%)
- Green (64%)
- Blue (85%)



- Red (48%)
- Yellow (60%)
- Blue (85%)



- Cyan (44%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)



- Cyan (52%)
- Magenta (36%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8970, 29.6308, -30.6047 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 157.8970, 29.6308, -30.6047 by changing the saturation by 10% instead.

■ 157.8970, 29.6308,
-30.6047

■ 157.8970, 29.6308,
-30.6047

255.0000, 0.0000,
0.0000

■ 131.3700, 28.9046,
-31.0195

■ 211.1440, 21.6210,
-28.1903

■ 104.6580, 28.7626,
-32.1491

■ 236.2510, 9.2433,
-24.7761

■ 78.5220, 28.3367,
-35.5378

■ 249.6180, 2.6533,
-11.0660

■ 50.8090, 29.6742,
-44.5595

■ 35.0450, 25.1208,
-30.7345

■ 20.6830, 20.8623,
-18.1390

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 157.8970, 29.6308,
-30.6047

■ 157.8970, 29.6308,
-30.6047

■ 144.2750, 36.3464,
-37.9522

■ 171.5190, 22.9151,
-23.2572

■ 130.0660, 43.3515,
-44.7849

■ 185.7280, 15.9101,
-16.4245

■ 116.7430, 49.9197,
-51.5176

■ 199.0510, 9.3419,
-9.6917

■ 102.5340, 56.9247,
-58.3503

■ 213.2600, 2.3368,
-2.8590

■ 88.9120, 63.6404,
-65.6978

■ 226.8820, -4.3788,
4.4885

■ 80.0300, 68.0192,
-70.1863

■ 240.5040,
-11.0945, 11.8360

■ 248.4340,
-15.0040, 5.7584

■ 250.7820,
-16.1615, 3.6992

Harmonies

Analogous

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



149.1230, 30.0124, -59.7439



157.8970, 29.6308, -30.6047



163.7870, 23.2760, 1.0638

Triad

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



157.8970, 29.6308, -30.6047



163.5130, -14.5499, 46.9081



152.1690, -9.9433, -30.8432

Complementary

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



157.8970, 29.6308, -30.6047



183.1030, -29.6308, 30.6047

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.



156.4190, -22.3916, -4.7525



157.8970, 29.6308, -30.6047



161.9280, -24.1215, 36.8971

Square

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



157.8970, 29.6308, -30.6047



164.9330, -1.4460, 43.9088



159.8950, -27.5562, 18.5091



147.0700, 6.8675, -56.1894

Rectangle

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



157.8970, 29.6308, -30.6047



165.3720, 16.0856, 20.7218



159.8950, -27.5562, 18.5091



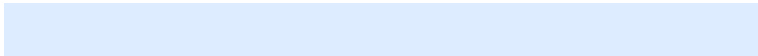
154.2580, -14.9172, -22.1513

Sweetspot

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



157.8970, 29.6308, -30.6047



233.9800, 10.3629, -10.5065



184.9210, -3.9051, -54.3047



114.6770, 6.5682, -6.7327



0.0000, 0.0000, 0.0000



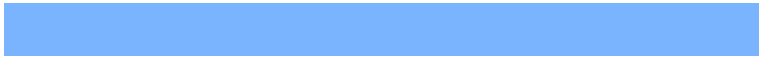
128.0000, 0.0000, 0.0000

Same Dimension

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



157.8970, 29.6308, -30.6047



171.2080, 41.3095, -43.1554



135.6240, 40.6114, -5.8092



102.6020, 3.6472, -3.1590



63.7470, 53.8617, -55.9061



16.9840, 14.3049, -14.8950

Inverse Universe

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



156.0790, 3.9051, 54.3047



168.3790, 5.7292, 75.9666



205.3760, -40.6114, 5.8092



102.7450, 0.1257, 6.3626



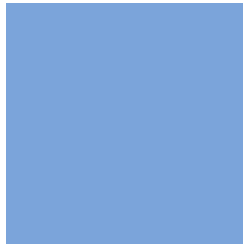
60.2770, 7.2584, 98.8581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 157.8970, 29.6308, -30.6047 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 157.8970, 29.6308, -30.6047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

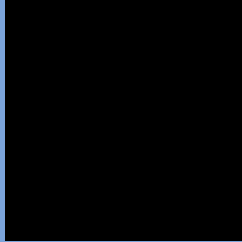
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

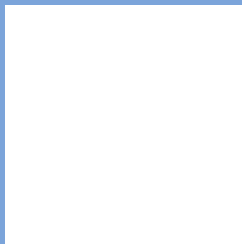
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.8970, 29.6308, -30.6047

Background



This preview shows how black text looks on a background with the YUV color 157.8970, 29.6308, -30.6047.



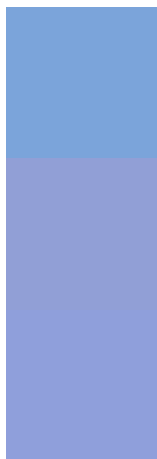
This preview shows how white text looks on a background with the YUV color 157.8970, 29.6308, -30.6047.

-30.6047.

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

157.8970, 29.6308, -30.6047

Protanopia

161.0840, 26.0876, -14.1057

Deuteranopia

161.0560, 28.5664, -15.8351



Tritanopia

154.8520, 14.3700, -35.8272

Trichromacy



Original Color

157.8970, 29.6308, -30.6047

Protanomaly

159.9800, 27.1249, -20.1535

Deuteranomaly

160.1370, 29.0195, -21.1681

Tritanomaly

155.9430, 19.7481, -34.1530

Monochromacy



Original Color

157.8970, 29.6308, -30.6047

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.7950, 10.9471, -11.2212

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8970, 29.6308, -30.6047 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(123, 164, 218)` looks like.

```
.text, #text, p{  
    color:rgb(123, 164, 218)  
}
```

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(123, 164, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 164, 218) }
```

Border

The CSS property to change the border of an element to YUV 157.8970, 29.6308, -30.6047 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(123, 164, 218) }
```


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

```
.border{ border-color:rgb(123, 164, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 164, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 164, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 164, 218);  
box-shadow:4px 4px 4px 4px rgb(123, 164,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 157.8970, 29.6308, -30.6047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 164, 218) }
```

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

```
.background{ background-color: rgb(123,  
164, 218) }
```

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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