

Converting Colors

YUV(148.4890, 31.8039,
-27.6159)

Have a look what the booklet for
YUV(148.4890, 31.8039, -27.6159)
contains.

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Color

**YUV(148.4890, 31.8039,
-27.6159)**

Conversions

Conversions Part 1

Format	Color
Hex	7598D5
RGB	117, 152, 213
RGB Percent	46%, 60%, 84%
CMY	0.5412, 0.4039, 0.1647
CMYK	0.45, 0.29, 0.00, 0.16
HSL	218°, 53%, 65%
HSV	218°, 45%, 84%
XYZ	30.5746, 31.0425, 67.3311
YIQ	148.4890, -40.4410, 11.5510

Conversions

Conversions Part 2

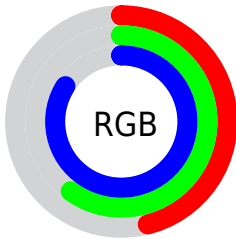
Format	Color
RYB	117, 143, 213
Decimal	7706837
CIELab	62.54, 4.04, -34.97
CIElCh	63, 35.205, 276.594
Yxy	31.0425, 0.2371, 0.2407
Android (android.graphics.Color)	4285896917 (0xFF7598D5)
YUV	148.4890, 31.8039, -27.6159
Hunter-Lab	55.7158, 0.4511, -32.6495

Details

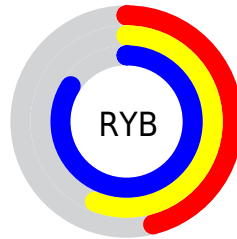
The YUV color $148.4890, 31.8039, -27.6159$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $181.5110, -31.8039, 27.6159$, and the grayscale version is $148.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $201.7190, 26.2675, -25.1866$, and $95.5380, 30.7938, -30.2898$ is the 20% darker color. If you saturate the color by 10%, you get $133.9920, 38.9509, -33.3190$, and if you desaturate by 10%, it is $162.9860, 24.6569, -21.9127$.

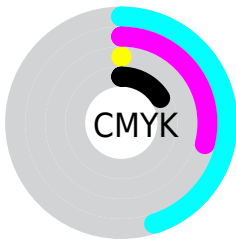
Distribution



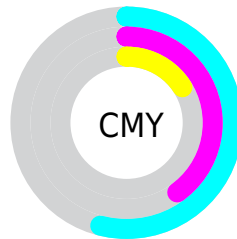
- Red (46%)
- Green (60%)
- Blue (84%)



- Red (46%)
- Yellow (56%)
- Blue (84%)



- Cyan (45%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.4890, 31.8039, -27.6159 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 148.4890, 31.8039, -27.6159 by changing the saturation by 10% instead.

■ 148.4890, 31.8039,
-27.6159

■ 148.4890, 31.8039,
-27.6159

255.0000, 0.0000,
0.0000

■ 121.6630, 31.2251,
-28.6455

■ 201.7190, 26.2675,
-25.1866

■ 95.5380, 30.7938,
-30.2898

■ 226.5270, 14.0372,
-22.3872

■ 69.8040, 30.6626,
-34.9081

■ 247.5250, 3.6852,
-15.3694

■ 44.3690, 30.3841,
-38.9116

■ 29.3060, 25.9781,
-25.7014

■ 13.0690, 22.1510,
-11.4615

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 148.4890, 31.8039,
-27.6159

■ 148.4890, 31.8039,
-27.6159

■ 133.9920, 38.9509,
-33.3190

■ 162.9860, 24.6569,
-21.9127

■ 119.7830, 45.9560,
-40.1517

■ 177.1950, 17.6519,
-15.0800

■ 105.2860, 53.1030,
-45.8548

■ 191.6920, 10.5048,
-9.3769

■ 91.3760, 59.9606,
-52.0728

■ 205.6020, 3.6472,
-3.1590

■ 76.8790, 67.1077,
-57.7759

■ 220.3980, -3.6472,
3.1590

■ 70.0680, 70.4655,
-61.4496

■ 234.3080,
-10.5048, 9.3769

■ 245.5160,
-16.0304, 8.3175

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



136.1590, 35.4176, -66.7914



148.4890, 31.8039, -27.6159



154.7170, 22.8175, 8.1412

Triad

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



148.4890, 31.8039, -27.6159



152.6120, -18.0497, 49.4523



139.4990, -7.1480, -40.7796

Complementary

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



148.4890, 31.8039, -27.6159



181.5110, -31.8039, 27.6159

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.



144.4890, -21.9331, -11.8299



148.4890, 31.8039, -27.6159



150.8910, -28.0473, 36.0526

Square

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



148.4890, 31.8039, -27.6159



154.1680, -4.5198, 49.8417



148.5910, -29.8714, 14.3907



130.5670, 13.0315, -73.2883

Rectangle

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



148.4890, 31.8039, -27.6159



155.1880, 15.1903, 27.8991



148.5910, -29.8714, 14.3907



141.1860, -12.4167, -30.8581

Sweetspot

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



148.4890, 31.8039, -27.6159



230.7350, 11.9626, -10.2916



180.3060, -1.1369, -55.5194



113.2040, 7.2944, -6.3179



0.0000, 0.0000, 0.0000



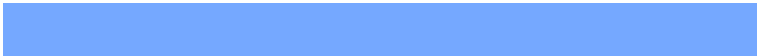
128.0000, 0.0000, 0.0000

Same Dimension

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



148.4890, 31.8039, -27.6159



162.6690, 45.5192, -40.0517



131.8310, 40.0163, -1.6058



99.6020, 3.6472, -3.1590



55.8880, 56.7502, -49.0138



14.2940, 14.1521, -12.5358

Inverse Universe

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



149.6940, 1.1369, 55.5194



164.0760, 1.9345, 79.7403



198.1690, -40.0163, 1.6058



99.7450, 0.1257, 6.3626



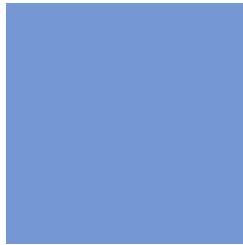
58.1970, 1.8749, 98.9282



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 148.4890, 31.8039, -27.6159 looks on a white background.

Color Contrast Check

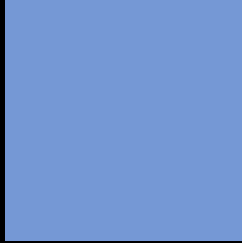
Large Text (above 18pt) WCAG AA × Fail

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 148.4890, 31.8039, -27.6159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

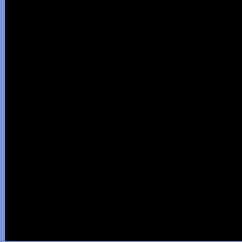
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.4890, 31.8039, -27.6159

Background



This preview shows how black text looks on a background with the YUV color 148.4890, 31.8039, -27.6159.



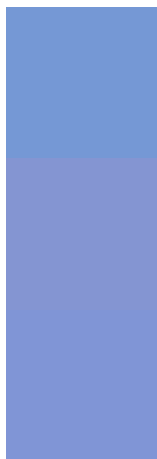
This preview shows how white text looks on a background with the YUV color 148.4890, 31.8039, -27.6159.

-27.6159.

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

148.4890, 31.8039, -27.6159

Protanopia

150.8710, 29.1506, -16.5499

Deuteranopia

150.1310, 31.4874, -19.4089



Tritanopia

145.0370, 13.7858, -35.1124

Trichromacy



Original Color

148.4890, 31.8039, -27.6159

Protanomaly

150.0770, 30.0350, -20.2385

Deuteranomaly

149.5220, 31.7877, -22.3828

Tritanomaly

146.1820, 20.6163, -32.6086

Monochromacy



Original Color

148.4890, 31.8039, -27.6159

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0340, 11.8152, -9.6768

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4890, 31.8039, -27.6159 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(117, 152, 213)` looks like.

```
.text, #text, p{  
    color:rgb(117, 152, 213)  
}
```

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(117, 152, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 152, 213) }
```

Border

The CSS property to change the border of an element to YUV 148.4890, 31.8039, -27.6159 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(117, 152, 213) }
```


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

```
.border{ border-color:rgb(117, 152, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 152, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 152, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 152, 213);  
box-shadow:4px 4px 4px 4px rgb(117, 152,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 148.4890, 31.8039, -27.6159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 152, 213) }
```

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

```
.background{ background-color: rgb(117,  
152, 213) }
```

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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