

Converting Colors

YUV(129.8630, 31.1265,
-43.7299)

Have a look what the booklet for
YUV(129.8630, 31.1265, -43.7299)
contains.

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Color

**YUV(129.8630, 31.1265,
-43.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	508FC1
RGB	80, 143, 193
RGB Percent	31%, 56%, 76%
CMY	0.6863, 0.4392, 0.2431
CMYK	0.59, 0.26, 0.00, 0.24
HSL	207°, 48%, 54%
HSV	207°, 59%, 76%
XYZ	22.7564, 25.2007, 54.1169
YIQ	129.8630, -53.5980, 2.1940

Conversions

Conversions Part 2

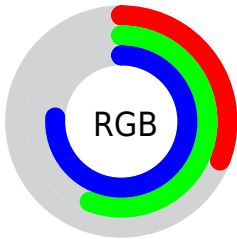
Format	Color
R _Y B	80, 120, 193
Decimal	5279681
CIE Lab	57.27, -5.35, -32.10
CIE LCh	57, 32.538, 260.542
Yxy	25.2007, 0.2229, 0.2469
Android (android.graphics.Color)	4283469761 (0xFF508FC1)
YUV	129.8630, 31.1265, -43.7299
Hunter-Lab	50.2002, -6.9343, -28.7757

Details

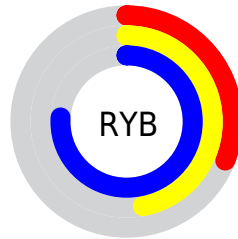
The YUV color **129.8630, 31.1265, -43.7299** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **143.1370, -31.1265, 43.7299**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1020, 31.9947, -42.1855**, and **70.4370, 33.8016, -61.7732** is the 20% darker color. If you saturate the color by 10%, you get **118.8990, 36.5318, -50.7774**, and if you desaturate by 10%, it is **140.8270, 25.7213, -36.6823**.

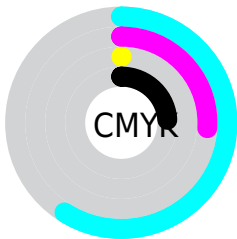
Distribution



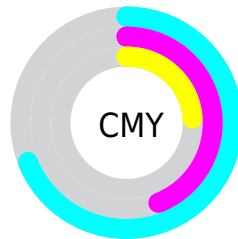
- Red (31%)
- Green (56%)
- Blue (76%)



- Red (31%)
- Yellow (47%)
- Blue (76%)



- Cyan (59%)
- Magenta (26%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8630, 31.1265, -43.7299 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 129.8630, 31.1265, -43.7299 by changing the saturation by 10% instead.

■ 129.8630, 31.1265,
-43.7299

■ 129.8630, 31.1265,
-43.7299

■ 255.0000, 0.0000,
0.0000

■ 102.2540, 31.4268,
-46.7038

■ 185.1020, 31.9947,
-42.1855

■ 70.4370, 33.8016,
-61.7732

■ 210.7790, 21.8010,
-39.2712

■ 53.9720, 29.1008,
-47.3334

■ 235.8860, 9.4232,
-35.8570

■ 37.7350, 25.2736,
-33.0936

■ 245.7310, 4.5696,
-19.0581

■ 23.2590, 20.5783,
-20.3981

■ 254.7010, 0.1474,
-0.6148

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 129.8630, 31.1265,
-43.7299

■ 129.8630, 31.1265,
-43.7299

■ 118.8990, 36.5318,
-50.7774

■ 140.8270, 25.7213,
-36.6823

■ 108.2230, 41.7951,
-58.9546

■ 151.5030, 20.4580,
-28.5051

■ 97.2590, 47.2003,
-66.0021

■ 162.4670, 15.0528,
-21.4576

■ 86.8820, 52.3162,
-73.5645

■ 172.8440, 9.9369,
-13.8952

■ 85.3980, 53.0478,
-74.8940

■ 184.1070, 4.3842,
-6.2328

■ 194.4840, -0.7316,
1.3295

■ 205.4480, -6.1369,
8.3771

■ 215.8250,
-11.2527, 15.9395

■ 227.0880,
-16.8054, 23.6018

Harmonies

Analogous

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



116.3440, 31.3824, -79.2317



129.8630, 31.1265, -43.7299



138.1170, 26.0713, -8.8726

Triad

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



129.8630, 31.1265, -43.7299



139.3650, -10.0399, 47.0379



129.9590, -14.7698, -22.7660

Complementary

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



129.8630, 31.1265, -43.7299



143.1370, -31.1265, 43.7299

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.



133.4800, -24.8866, 2.2100



129.8630, 31.1265, -43.7299



138.0470, -21.2222, 40.3008

Square

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



129.8630, 31.1265, -43.7299



140.8770, 3.5116, 40.4499



136.3410, -27.2831, 24.2569



123.4360, 1.7571, -50.3714

Rectangle

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



129.8630, 31.1265, -43.7299



140.6420, 19.8965, 11.7150



136.3410, -27.2831, 24.2569



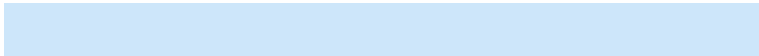
131.2760, -18.8701, -14.2741

Sweetspot

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



129.8630, 31.1265, -43.7299



224.8050, 12.4211, -17.3690



151.9170, -11.2981, -63.0712



109.5840, 7.6001, -11.0362



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



129.8630, 31.1265, -43.7299



151.8890, 48.3687, -67.4317



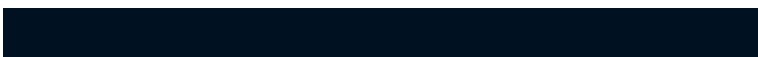
97.5780, 47.0430, -15.4159



91.6620, 2.6316, -4.0886



71.1840, 44.2793, -62.4284



14.3280, 9.2053, -12.5657

Inverse Universe

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



120.9690, 10.8613, 63.1712



138.3830, 16.5732, 97.8881



175.4220, -47.0430, 15.4159



90.6740, 1.1467, 5.5479



58.3990, 15.5793, 89.9811



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 129.8630, 31.1265, -43.7299 looks on a white background.

Color Contrast Check

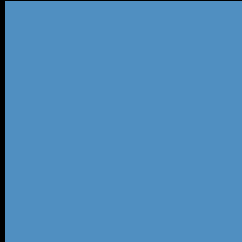
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8630, 31.1265, -43.7299 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 129.8630, 31.1265, -43.7299

Background



This preview shows how black text looks on a background with the YUV color 129.8630, 31.1265, -43.7299.

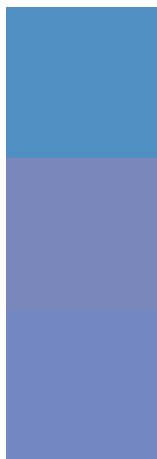


This preview shows how white text looks on a background with the YUV color 129.8630, 31.1265, -43.7299.

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

129.8630, 31.1265, -43.7299

Protanopia

137.0410, 24.6298, -13.1910

Deuteranopia

136.4470, 28.8666, -18.8090



Tritanopia

125.5510, 17.4764, -52.2262

Trichromacy



Original Color

129.8630, 31.1265, -43.7299

Protanomaly

134.5450, 26.8463, -24.1570

Deuteranomaly

134.2070, 29.4779, -28.2455

Tritanomaly

127.2400, 22.5597, -49.3225

Monochromacy



Original Color

129.8630, 31.1265, -43.7299

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.1750, 11.2527, -15.9395

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8630, 31.1265, -43.7299 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(80, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(80, 143, 193)  
}
```

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(80, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 143, 193) }
```

Border

The CSS property to change the border of an element to YUV 129.8630, 31.1265, -43.7299 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(80, 143, 193) }
```


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

```
.border{ border-color:rgb(80, 143, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 143, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(80, 143,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 129.8630, 31.1265, -43.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 143, 193) }
```

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

```
.background{ background-color: rgb(80, 143,  
193) }
```

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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