

Converting Colors

YUV(135.0110, 30.0676,
-30.7046)

Have a look what the booklet for
YUV(135.0110, 30.0676, -30.7046)
contains.

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Color

**YUV(135.0110, 30.0676,
-30.7046)**

Conversions

Conversions Part 1

Format	Color
Hex	648DC4
RGB	100, 141, 196
RGB Percent	39%, 55%, 77%
CMY	0.6078, 0.4471, 0.2314
CMYK	0.49, 0.28, 0.00, 0.23
HSL	214°, 45%, 58%
HSV	214°, 49%, 77%
XYZ	24.7442, 25.7446, 55.8896
YIQ	135.0110, -42.0910, 8.4130

Conversions

Conversions Part 2

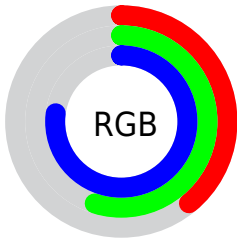
Format	Color
R _Y B	100, 129, 196
Decimal	6589892
CIE Lab	57.79, 1.19, -32.90
CIE LCh	58, 32.926, 272.064
Yxy	25.7446, 0.2326, 0.2420
Android (android.graphics.Color)	4284779972 (0xFF648DC4)
YUV	135.0110, 30.0676, -30.7046
Hunter-Lab	50.7391, -1.7435, -29.7911

Details

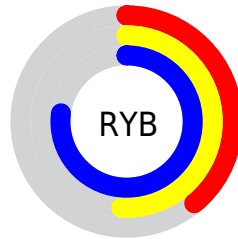
The YUV color **135.0110, 30.0676, -30.7046** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **160.9890, -30.0676, 30.7046**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0650, 31.5200, -29.8750**, and **82.4620, 29.3522, -34.6082** is the 20% darker color. If you saturate the color by 10%, you get **122.5740, 36.1990, -37.3374**, and if you desaturate by 10%, it is **147.4480, 23.9361, -24.0719**.

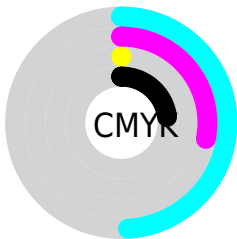
Distribution



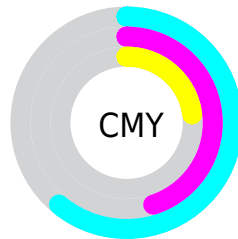
- Red (39%)
- Green (55%)
- Blue (77%)



- Red (39%)
- Yellow (51%)
- Blue (77%)



- Cyan (49%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)



- Cyan (61%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.0110, 30.0676, -30.7046 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 135.0110, 30.0676, -30.7046 by changing the saturation by 10% instead.

■ 135.0110, 30.0676,
-30.7046

■ 135.0110, 30.0676,
-30.7046

255.0000, 0.0000,
0.0000

■ 108.8860, 29.6362,
-32.3490

■ 189.0650, 31.5200,
-29.8750

■ 82.4620, 29.3522,
-34.6082

■ 214.4000, 20.0158,
-26.6608

■ 53.1400, 30.9900,
-46.6038

■ 239.7950, 7.4961,
-24.3762

■ 37.3760, 26.4366,
-32.7788

■ 251.1130, 1.9163,
-7.9921

■ 22.9000, 21.7413,
-20.0833

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 135.0110, 30.0676,
-30.7046

■ 135.0110, 30.0676,
-30.7046

■ 122.5740, 36.1990,
-37.3374

■ 147.4480, 23.9361,
-24.0719

■ 110.4360, 42.1831,
-43.3554

■ 159.5860, 17.9521,
-18.0539

■ 97.4120, 48.6039,
-49.4733

■ 172.6100, 11.5313,
-11.9360

■ 85.2740, 54.5879,
-55.4913

■ 184.7480, 5.5472,
-5.9180

■ 72.8370, 60.7194,
-62.1240

■ 197.1850, -0.5842,
0.7148

■ 71.6520, 61.3036,
-62.8388

■ 209.6220, -6.7156,
7.3475

■ 222.3470,
-12.9891, 12.8507

■ 234.1860,
-18.8257, 18.2539

■ 240.6430,
-22.0090, 12.5911

Harmonies

Analogous

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



123.0620, 32.5074, -66.7064



135.0110, 30.0676, -30.7046



141.6840, 22.8338, 2.9081

Triad

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



135.0110, 30.0676, -30.7046



140.1000, -14.8393, 46.3933



129.0870, -8.9169, -33.4023

Complementary

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



135.0110, 30.0676, -30.7046



160.9890, -30.0676, 30.7046

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.



133.5220, -21.9493, -6.5968



135.0110, 30.0676, -30.7046



139.1020, -24.7003, 35.8675

Square

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



135.0110, 30.0676, -30.7046



141.5310, -1.7408, 45.1383



136.8840, -27.5508, 16.7647



121.3080, 9.2152, -62.5371

Rectangle

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



135.0110, 30.0676, -30.7046



142.9700, 15.7908, 21.9513



136.8840, -27.5508, 16.7647



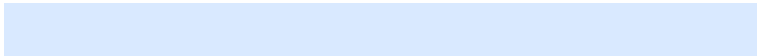
130.4750, -14.0382, -24.0956

Sweetspot

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



135.0110, 30.0676, -30.7046



230.7240, 11.9681, -12.0359



162.5080, -4.1944, -54.8195



112.9050, 7.4418, -6.9327



0.0000, 0.0000, 0.0000



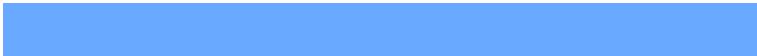
128.0000, 0.0000, 0.0000

Same Dimension

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



135.0110, 30.0676, -30.7046



159.6680, 46.9987, -47.9438



112.7380, 41.0482, -5.9092



90.4880, 3.2104, -3.0590



58.8570, 50.3565, -51.6176



11.9800, 10.3629, -10.5065

Inverse Universe

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



133.3780, 3.7576, 54.9195



157.1460, 5.8440, 85.8180



183.2620, -41.0482, 5.9092



90.4460, 0.2731, 5.7479



56.0050, 6.4065, 92.0806



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 135.0110, 30.0676, -30.7046 looks on a white background.

Color Contrast Check

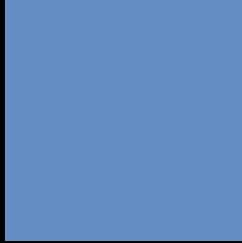
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0110, 30.0676, -30.7046 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 135.0110, 30.0676, -30.7046

Background



This preview shows how black text looks on a background with the YUV color 135.0110, 30.0676, -30.7046.



This preview shows how white text looks on a background with the YUV color 135.0110, 30.0676, -30.7046.

-30.7046.

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

135.0110, 30.0676, -30.7046

Protanopia

137.8990, 26.6718, -14.8204

Deuteranopia

137.8600, 29.1560, -18.2942



Tritanopia

131.7270, 13.9386, -37.4716

Trichromacy



Original Color

135.0110, 30.0676, -30.7046

Protanomaly

136.7950, 27.7091, -20.8682

Deuteranomaly

136.6530, 29.7511, -22.4977

Tritanomaly

132.6440, 19.8955, -34.7678

Monochromacy



Original Color

135.0110, 30.0676, -30.7046

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.7950, 10.9471, -11.2212

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.0110, 30.0676, -30.7046 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(100, 141, 196)` looks like.

```
.text, #text, p{  
    color:rgb(100, 141, 196)  
}
```

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(100, 141, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 141, 196) }
```

Border

The CSS property to change the border of an element to YUV 135.0110, 30.0676, -30.7046 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(100, 141, 196) }
```


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

```
.border{ border-color:rgb(100, 141, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 141, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 141, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 141, 196);  
box-shadow:4px 4px 4px 4px rgb(100, 141,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 135.0110, 30.0676, -30.7046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 141, 196) }
```

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

```
.background{ background-color: rgb(100,  
141, 196) }
```

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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