

Converting Colors

YUV(130.7710, 17.3679,
-17.3392)

Have a look what the booklet for
YUV(130.7710, 17.3679, -17.3392)
contains.

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Color

**YUV(130.7710, 17.3679,
-17.3392)**

Conversions

Conversions Part 1

Format	Color
Hex	6F86A6
RGB	111, 134, 166
RGB Percent	44%, 53%, 65%
CMY	0.5647, 0.4745, 0.3490
CMYK	0.33, 0.19, 0.00, 0.35
HSL	215°, 24%, 54%
HSV	215°, 33%, 65%
XYZ	21.9636, 23.1829, 39.3935
YIQ	130.7710, -23.9800, 5.0760

Conversions

Conversions Part 2

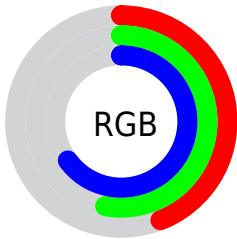
Format	Color
R_{YB}	111, 127, 166
Decimal	7308966
CIE _{Lab}	55.26, -0.33, -19.65
CIE _{LCh}	55, 19.652, 269.036
Yxy	23.1829, 0.2598, 0.2742
Android (android.graphics.Color)	4285499046 (0xFF6F86A6)
YUV	130.7710, 17.3679, -17.3392
Hunter-Lab	48.1486, -2.8351, -14.8050

Details

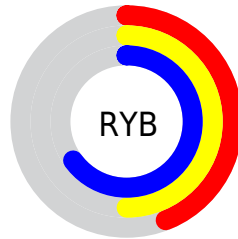
The YUV color **130.7710, 17.3679, -17.3392** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **146.2290, -17.3679, 17.3392**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9990, 18.2415, -17.5391**, and **81.1300, 16.2049, -17.6540** is the 20% darker color. If you saturate the color by 10%, you get **119.8180, 22.7677, -22.6424**, and if you desaturate by 10%, it is **141.7240, 11.9681, -12.0359**.

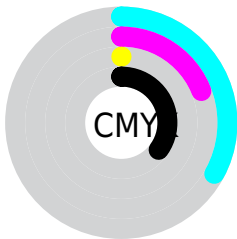
Distribution



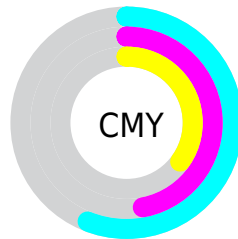
- Red (44%)
- Green (53%)
- Blue (65%)



- Red (44%)
- Yellow (50%)
- Blue (65%)



- Cyan (33%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)



- Cyan (56%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7710, 17.3679, -17.3392 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 130.7710, 17.3679, -17.3392 by changing the saturation by 10% instead.

■ 130.7710, 17.3679,
-17.3392

■ 130.7710, 17.3679,
-17.3392

■ 255.0000, 0.0000,
0.0000

■ 105.6570, 16.9311,
-17.2392

■ 183.9990, 18.2415,
-17.5391

■ 81.1300, 16.2049,
-17.6540

■ 212.1130, 18.6783,
-17.6391

■ 57.3040, 15.6261,
-18.6836

■ 237.4910, 8.6319,
-15.3396

■ 33.6950, 15.9264,
-21.6575

■ 253.2060, 0.8844,
-3.6887

■ 16.1690, 13.7207,
-14.1802

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 130.7710, 17.3679,
-17.3392

■ 130.7710, 17.3679,
-17.3392

■ 119.8180, 22.7677,
-22.6424

■ 141.7240, 11.9681,
-12.0359

■ 109.7510, 27.7308,
-27.8456

■ 151.7910, 7.0050,
-6.8327

■ 98.7980, 33.1306,
-33.1488

■ 162.7440, 1.6052,
-1.5295

■ 88.1440, 38.3830,
-37.8373

■ 173.3980, -3.6472,
3.1590

■ 77.7780, 43.4934,
-43.6553

■ 183.7640, -8.7577,
8.9770

■ 66.8250, 48.8933,
-48.9585

■ 194.7170,
-14.1575, 14.2802

■ 59.4270, 52.5405,
-52.1175

■ 205.3710,
-19.4099, 18.9686

■ 215.7370,
-24.5203, 24.7867

■ 224.8960,
-29.0357, 26.4012

Harmonies

Analogous

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



127.1560, 16.6851, -31.7088



130.7710, 17.3679, -17.3392



133.6700, 13.9667, 0.2894

Triad

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



130.7710, 17.3679, -17.3392



134.2980, -8.5279, 28.6797



127.4680, -6.6397, -17.0734

Complementary

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



130.7710, 17.3679, -17.3392



146.2290, -17.3679, 17.3392

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.



129.4330, -13.5245, -2.1337



130.7710, 17.3679, -17.3392



133.0710, -14.3320, 23.6167

Square

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



130.7710, 17.3679, -17.3392



134.9370, -0.9549, 26.3653



131.7230, -16.6254, 12.5209



125.4970, 2.7130, -30.2539

Rectangle

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



130.7710, 17.3679, -17.3392



134.7100, 10.0030, 11.6553



131.7230, -16.6254, 12.5209



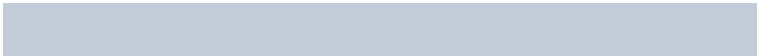
128.2190, -8.9820, -12.4701

Sweetspot

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



130.7710, 17.3679, -17.3392



202.7910, 7.0050, -6.8327



146.8190, -2.3758, -31.4133



101.1180, 4.3788, -4.4885



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



130.7710, 17.3679, -17.3392



161.0500, 27.5834, -27.2308



118.4660, 23.4343, -3.0397



78.6730, 2.6262, -2.3442



53.2660, 46.7039, -46.7143



7.5630, 6.1314, -6.6328

Inverse Universe

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



130.0670, 1.9390, 31.5132



160.1170, 2.9003, 49.8864



158.5340, -23.4343, 3.0397



78.7340, 0.1311, 4.6183



51.3200, 5.2652, 84.7884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 130.7710, 17.3679, -17.3392 looks on a white background.

Color Contrast Check

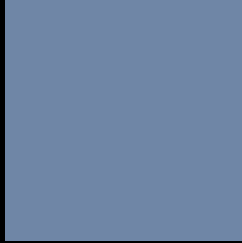
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7710, 17.3679, -17.3392 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 130.7710, 17.3679, -17.3392 Background



This preview shows how black text looks on a background with the YUV color 130.7710, 17.3679, -17.3392.

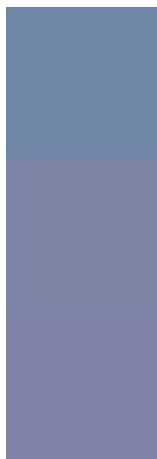


This preview shows how white text looks on a background with the YUV color 130.7710, 17.3679, -17.3392.

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

130.7710, 17.3679, -17.3392

Protanopia

132.6690, 15.4462, -7.6027

Deuteranopia

133.3210, 16.6037, -5.5435



Tritanopia

129.2840, 9.2270, -19.5431

Trichromacy



Original Color

130.7710, 17.3679, -17.3392

Protanomaly

131.8750, 16.3306, -11.2914

Deuteranomaly

132.1140, 17.1988, -9.7470

Tritanomaly

129.7940, 12.4266, -19.1133

Monochromacy



Original Color

130.7710, 17.3679, -17.3392

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7710, 17.3679, -17.3392 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(111, 134, 166)` looks like.

```
.text, #text, p{  
    color:rgb(111, 134, 166)  
}
```

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(111, 134, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 134, 166) }
```

Border

The CSS property to change the border of an element to YUV 130.7710, 17.3679, -17.3392 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(111, 134, 166) }
```


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

```
.border{ border-color:rgb(111, 134, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 134, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 134, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 134, 166);  
box-shadow:4px 4px 4px 4px rgb(111, 134,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 130.7710, 17.3679, -17.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 134, 166) }
```

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

```
.background{ background-color: rgb(111,  
134, 166) }
```

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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