

Converting Colors

YUV(130.7780, 6.5184,
-37.5163)

Have a look what the booklet for
YUV(130.7780, 6.5184, -37.5163)
contains.

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Color

**YUV(130.7780, 6.5184,
-37.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	589690
RGB	88, 150, 144
RGB Percent	35%, 59%, 56%
CMY	0.6549, 0.4118, 0.4353
CMYK	0.41, 0.00, 0.04, 0.41
HSL	174°, 26%, 47%
HSV	174°, 41%, 59%
XYZ	19.9649, 25.9010, 30.3327
YIQ	130.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

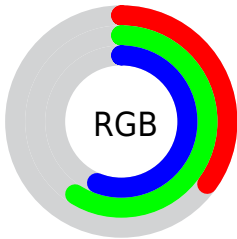
Format	Color
RYB	88, 121, 150
Decimal	5805712
CIELab	57.94, -21.50, -3.13
CIElCh	58, 21.726, 188.292
Yxy	25.9010, 0.2620, 0.3399
Android (android.graphics.Color)	4283995792 (0xFF589690)
YUV	130.7780, 6.5184, -37.5163
Hunter-Lab	50.8930, -19.0389, 0.2878

Details

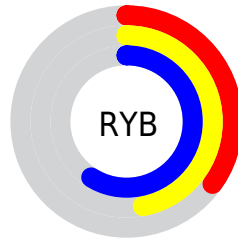
The YUV color **130.7780, 6.5184, -37.5163** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **107.2220, -6.5184, 37.5163**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4790, 6.6659, -38.1311**, and **79.2940, 7.2501, -38.8458** is the 20% darker color. If you saturate the color by 10%, you get **126.1790, 8.2928, -46.6380**, and if you desaturate by 10%, it is **135.3770, 4.7441, -28.3946**.

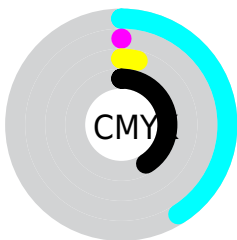
Distribution



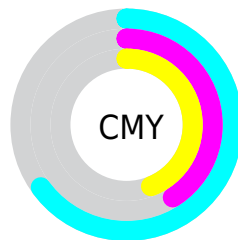
- Red (35%)
- Green (59%)
- Blue (56%)



- Red (35%)
- Yellow (47%)
- Blue (59%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (41%)



- Cyan (65%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7780, 6.5184, -37.5163 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 130.7780, 6.5184, -37.5163 by changing the saturation by 10% instead.

■ 130.7780, 6.5184,
-37.5163

■ 130.7780, 6.5184,
-37.5163

■ 255.0000, 0.0000,
0.0000

■ 104.7780, 6.5184,
-37.5163

■ 184.4790, 6.6659,
-38.1311

■ 79.2940, 7.2501,
-38.8458

■ 213.0660, 6.3765,
-38.6459

■ 52.0050, 8.8715,
-45.6084

■ 237.5440, 8.1128,
-35.5571

■ 35.9960, 5.9180,
-31.5685

■ 246.0300, 4.4222,
-18.4433

■ 21.2750, 2.8224,
-18.6582

■ 254.7010, 0.1474,
-0.6148

■ 0.0000, 0.0000,
0.0000

■ 130.7780, 6.5184,
-37.5163

■ 130.7780, 6.5184,
-37.5163

■ 126.1790, 8.2928,
-46.6380

■ 135.3770, 4.7441,
-28.3946

■ 121.4660, 9.6303,
-55.6597

■ 140.0900, 3.4066,
-19.3729

■ 116.8670, 11.4046,
-64.7814

■ 144.6890, 1.6323,
-10.2513

■ 112.1540, 12.7421,
-73.8031

■ 149.4020, 0.2948,
-1.2296

■ 107.5550, 14.5164,
-82.9247

■ 154.0010, -1.4795,
7.8921

■ 103.4400, 15.5591,
-90.7169

■ 158.7140, -2.8170,
16.9138

■ 163.3130, -4.5913,
26.0355

■ 168.0260, -5.9288,

35.0572

■ 172.6250, -7.7031,
44.1789

Harmonies

Analogous

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



133.1080, -3.9972, -24.6507



130.7780, 6.5184, -37.5163



131.0470, 15.2598, -41.2602

Triad

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



130.7780, 6.5184, -37.5163



141.8880, 13.3662, 6.2372



139.2620, -17.3842, 22.5722

Complementary

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



130.7780, 6.5184, -37.5163



107.2220, -6.5184, 37.5163

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.



141.0980, -11.8803, 30.6091



130.7780, 6.5184, -37.5163



142.3370, 5.7499, 22.5065

Square

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



130.7780, 6.5184, -37.5163



138.5480, 18.9568, -13.6356



141.6880, -3.2972, 30.9686



138.0600, -17.7776, 8.7174

Rectangle

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



130.7780, 6.5184, -37.5163



133.2910, 18.5905, -36.2122



141.6880, -3.2972, 30.9686



140.0390, -15.7952, 26.2758

Sweetspot

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



130.7780, 6.5184, -37.5163



186.8950, 2.5168, -13.9399



126.1880, -18.8267, -28.2289



92.7000, 1.6269, -8.5069



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



130.7780, 6.5184, -37.5163



163.8570, 9.9305, -58.6336



116.7870, 16.3740, -25.2462



71.7930, 0.5951, -4.2035



95.1420, 14.2270, -83.4395



6.8960, 1.0373, -6.0478

Inverse Universe

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



107.2220, -6.5184, 37.5163



127.0290, -10.3673, 58.7336



121.2130, -16.3740, 25.2462



69.0930, -1.0318, 4.3034



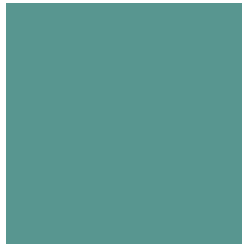
42.7440, -14.6638, 83.5395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 130.7780, 6.5184, -37.5163 looks on a white background.

Color Contrast Check

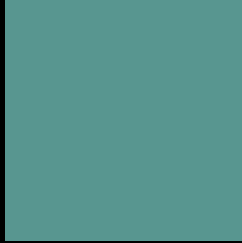
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7780, 6.5184, -37.5163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

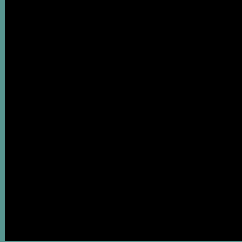
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.7780, 6.5184, -37.5163

Background



This preview shows how black text looks on a background with the YUV color 130.7780, 6.5184, -37.5163.



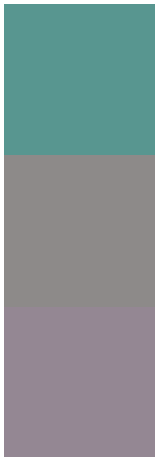
This preview shows how white text looks on a background with the YUV color 130.7780, 6.5184,

-37.5163.

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

130.7780, 6.5184, -37.5163

Protanopia

138.7830, -0.8790, 1.9443

Deuteranopia

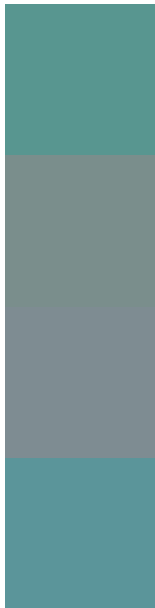
140.2550, 3.3253, 6.7924



Tritanopia

132.6240, 13.4964, -35.6272

Trichromacy



Original Color

130.7780, 6.5184, -37.5163

Protanomaly

135.7920, 2.0745, -12.0956

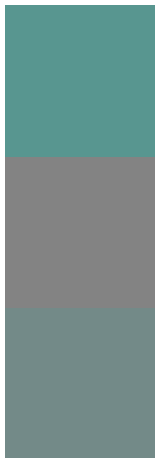
Deuteranomaly

136.4980, 4.6845, -9.2067

Tritanomaly

132.2280, 10.7336, -36.1570

Monochromacy



Original Color

130.7780, 6.5184, -37.5163

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.8950, 2.5168, -13.9399

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7780, 6.5184, -37.5163 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(88, 150, 144)` looks like.

```
.text, #text, p{  
    color:rgb(88, 150, 144)  
}
```

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(88, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 150, 144) }
```

Border

The CSS property to change the border of an element to YUV 130.7780, 6.5184, -37.5163 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(88, 150, 144) }
```


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

```
.border{ border-color:rgb(88, 150, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 150, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(88, 150,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 130.7780, 6.5184, -37.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 150, 144) }
```

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

```
.background{ background-color: rgb(88, 150,  
144) }
```

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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