

Converting Colors

YUV(131.3730, 37.7771,
-30.1451)

Have a look what the booklet for
YUV(131.3730, 37.7771, -30.1451)
contains.

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Color

**YUV(131.3730, 37.7771,
-30.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	6186D0
RGB	97, 134, 208
RGB Percent	38%, 53%, 82%
CMY	0.6196, 0.4745, 0.1843
CMYK	0.53, 0.36, 0.00, 0.18
HSL	220°, 54%, 60%
HSV	220°, 53%, 82%
XYZ	24.8400, 24.1456, 63.0259
YIQ	131.3730, -45.8060, 15.1700

Conversions

Conversions Part 2

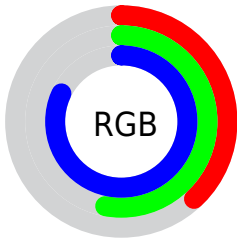
Format	Color
R_{YB}	97, 125, 208
Decimal	6391504
CIE _{Lab}	56.23, 8.32, -42.14
CIE _{LCh}	56, 42.954, 281.174
Yxy	24.1456, 0.2218, 0.2156
Android (android.graphics.Color)	4284581584 (0xFF6186D0)
YUV	131.3730, 37.7771, -30.1451
Hunter-Lab	49.1382, 4.2423, -41.6500

Details

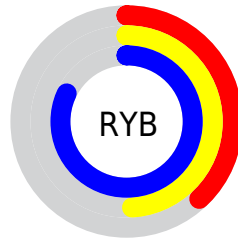
The YUV color **131.3730, 37.7771, -30.1451** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **173.6270, -37.7771, 30.1451**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8850, 34.5667, -27.0861**, and **77.8020, 37.0726, -37.5374** is the 20% darker color. If you saturate the color by 10%, you get **116.8760, 44.9241, -35.8483**, and if you desaturate by 10%, it is **145.8700, 30.6301, -24.4420**.

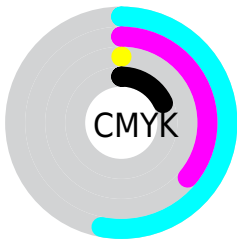
Distribution



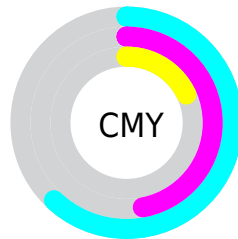
- Red (38%)
- Green (53%)
- Blue (82%)



- Red (38%)
- Yellow (49%)
- Blue (82%)



- Cyan (53%)
- Magenta (36%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (47%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.3730, 37.7771, -30.1451 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 131.3730, 37.7771, -30.1451 by changing the saturation by 10% instead.

■ 131.3730, 37.7771,
-30.1451

■ 131.3730, 37.7771,
-30.1451

255.0000, 0.0000,
0.0000

■ 104.8350, 37.0563,
-32.3043

■ 184.8850, 34.5667,
-27.0861

■ 77.8020, 37.0726,
-37.5374

■ 209.9920, 22.1889,
-23.6720

■ 50.8720, 37.5311,
-44.6147

■ 235.0990, 9.8112,
-20.2578

■ 35.5810, 32.2516,
-31.2045

■ 250.8140, 2.0637,
-8.6069

■ 21.1050, 27.5562,
-18.5091

■ 9.0910, 22.1401,
-7.9728

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 131.3730, 37.7771,
-30.1451

■ 131.3730, 37.7771,
-30.1451

■ 116.8760, 44.9241,
-35.8483

■ 145.8700, 30.6301,
-24.4420

■ 102.3790, 52.0712,
-41.5514

■ 160.3670, 23.4831,
-18.7389

■ 88.1810, 59.0708,
-46.6397

■ 174.5650, 16.4835,
-13.6505

■ 74.2710, 65.9284,
-52.8577

■ 188.4750, 9.6258,
-7.4326

■ 64.2150, 70.8860,
-56.3166

■ 202.9720, 2.4788,
-1.7294

■ 217.4690, -4.6682,
3.9737

■ 231.9660,
-11.8152, 9.6768

■ 243.7720,
-17.6356, 9.8470

■ 249.6420,
-20.5295, 4.6990

Harmonies

Analogous

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



108.4850, 47.5819, -95.1413



131.3730, 37.7771, -30.1451



138.2710, 25.9954, 15.5483

Triad

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



131.3730, 37.7771, -30.1451



134.5760, -23.4550, 56.4998



114.8060, -2.8624, -62.0969

Complementary

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



131.3730, 37.7771, -30.1451



173.6270, -37.7771, 30.1451

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.



125.7500, -24.5267, -19.9518



131.3730, 37.7771, -30.1451



132.5940, -34.3098, 38.0671

Square

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



131.3730, 37.7771, -30.1451



135.6640, -6.7364, 60.8077



129.7880, -35.3915, 11.5869



107.2700, 20.0799, -94.0758

Rectangle

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



131.3730, 37.7771, -30.1451



138.4820, 16.0314, 38.1653



129.7880, -35.3915, 11.5869



120.0270, -11.3523, -45.6277

Sweetspot

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



131.3730, 37.7771, -30.1451



226.8920, 13.8572, -11.3063



170.5930, 0.2007, -64.5411



110.5460, 8.6048, -6.6178



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.



131.3730, 37.7771, -30.1451



142.2800, 55.5710, -44.0956



115.0360, 45.8313, -0.0316



97.6020, 3.6472, -3.1590



52.0240, 57.1762, -45.6250



12.8920, 13.8572, -11.3063

Inverse Universe

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



134.4070, -0.2007, 64.5411



146.8930, -0.4402, 94.8098



189.9640, -45.8313, 0.0316



97.7450, 0.1257, 6.3626



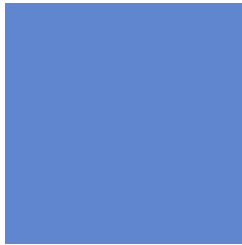
56.6160, -0.3037, 97.6838



13.8550, 0.0715, 23.8062

Previews

White Background



This preview shows how the YUV color 131.3730, 37.7771, -30.1451 looks on a white background.

Color Contrast Check

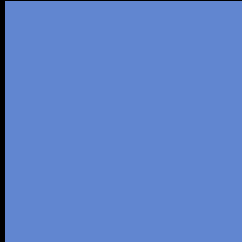
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.3730, 37.7771, -30.1451 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 131.3730, 37.7771, -30.1451 Background



This preview shows how black text looks on a background with the YUV color 131.3730, 37.7771, -30.1451.

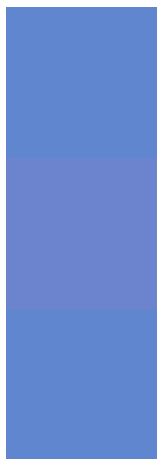


This preview shows how white text looks on a background with the YUV color 131.3730, 37.7771, -30.1451.

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

131.3730, 37.7771, -30.1451

Protanopia

133.2600, 35.8608, -22.1530

Deuteranopia

131.0740, 37.9245, -30.7599



Tritanopia

126.5200, 14.5336, -41.6750

Trichromacy



Original Color

131.3730, 37.7771, -30.1451

Protanomaly

132.7650, 36.5979, -25.2269

Deuteranomaly

131.0740, 37.9245, -30.7599

Tritanomaly

128.4310, 22.9585, -37.2120

Monochromacy



Original Color

131.3730, 37.7771, -30.1451

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1910, 13.7098, -10.6915

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.3730, 37.7771, -30.1451 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(97, 134, 208)` looks like.

```
.text, #text, p{  
    color:rgb(97, 134, 208)  
}
```

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(97, 134, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 134, 208) }
```

Border

The CSS property to change the border of an element to YUV 131.3730, 37.7771, -30.1451 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(97, 134, 208) }
```


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

```
.border{ border-color:rgb(97, 134, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 134, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 134, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 134, 208);  
box-shadow:4px 4px 4px 4px rgb(97, 134,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 131.3730, 37.7771, -30.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 134, 208) }
```

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

```
.background{ background-color: rgb(97, 134,  
208) }
```

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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