

Converting Colors

YUV(111.7930, 50.8811,
-33.1445)

Have a look what the booklet for
YUV(111.7930, 50.8811, -33.1445)
contains.

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Color

**YUV(111.7930, 50.8811,
-33.1445)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6FD7
RGB	74, 111, 215
RGB Percent	29%, 44%, 84%
CMY	0.7098, 0.5647, 0.1569
CMYK	0.66, 0.48, 0.00, 0.16
HSL	224°, 64%, 57%
HSV	224°, 66%, 84%
XYZ	20.7742, 17.7310, 66.6175
YIQ	111.7930, -55.4360, 24.5000

Conversions

Conversions Part 2

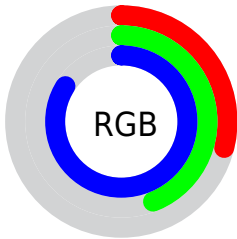
Format	Color
RYB	74, 103, 215
Decimal	4878295
CIELab	49.17, 20.29, -57.43
CIELCh	49, 60.906, 289.456
Yxy	17.7310, 0.1976, 0.1687
Android (android.graphics.Color)	4283068375 (0xFF4A6FD7)
YUV	111.7930, 50.8811, -33.1445
Hunter-Lab	42.1082, 14.3741, -64.3242

Details

The YUV color **111.7930, 50.8811, -33.1445** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **177.2070, -50.8811, 33.1445**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8280, 44.4548, -25.2822**, and **55.6940, 50.9299, -48.8436** is the 20% darker color. If you saturate the color by 10%, you get **95.8230, 58.7543, -38.4328**, and if you desaturate by 10%, it is **127.4640, 43.1552, -28.4709**.

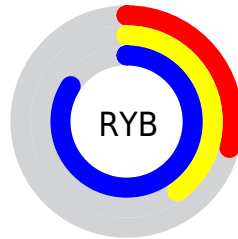
Distribution



Red (29%)

Green (44%)

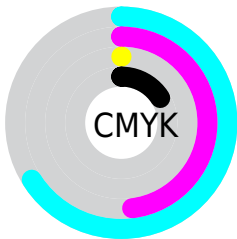
Blue (84%)



Red (29%)

Yellow (40%)

Blue (84%)

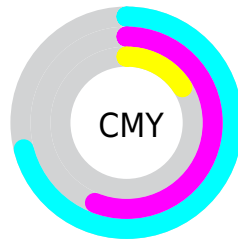


Cyan (66%)

Magenta (48%)

Yellow (0%)

Black (16%)



Cyan (71%)

Magenta (56%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.7930, 50.8811, -33.1445 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 111.7930, 50.8811, -33.1445 by changing the saturation by 10% instead.

■ 111.7930, 50.8811,
-33.1445

■ 111.7930, 50.8811,
-33.1445

255.0000, 0.0000,
0.0000

■ 83.1510, 51.1976,
-41.3514

■ 164.8280, 44.4548,
-25.2822

■ 55.6940, 50.9299,
-48.8436

■ 189.6470, 32.2190,
-20.7384

■ 40.4030, 45.6503,
-35.4334

■ 214.7540, 19.8413,
-17.3243

■ 26.2860, 39.7920,
-23.0528

■ 240.1600, 7.3161,
-13.2953

■ 9.3480, 35.8174,
-8.1982

■ 9.5470, 23.8873,
-8.3727

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 111.7930, 50.8811,
-33.1445

■ 111.7930, 50.8811,
-33.1445

■ 95.8230, 58.7543,
-38.4328

■ 127.4640, 43.1552,
-28.4709

■ 80.1520, 66.4801,
-43.1063

■ 143.4340, 35.2820,
-23.1826

■ 64.1820, 74.3533,
-48.3946

■ 159.4040, 27.4088,
-17.8943

■ 57.3820, 77.7057,
-50.3240

■ 174.4880, 19.9724,
-12.7060

■ 190.1590, 12.2466,
-8.0324

■ 206.1290, 4.3734,
-2.7441

■ 221.8000, -3.3524,
1.9294

■ 237.7700,
-11.2256, 7.2177

■ 249.8530,
-17.1825, 4.5139

Harmonies

Analogous

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



100.1020, 58.6167, -87.7895



111.7930, 50.8811, -33.1445



119.9990, 32.0455, 35.0809

Triad

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



111.7930, 50.8811, -33.1445



111.3360, -36.1546, 69.8653



92.5370, 1.7073, -81.1549

Complementary

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



111.7930, 50.8811, -33.1445



177.2070, -50.8811, 33.1445

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.



95.0360, -25.1607, -50.0206



111.7930, 50.8811, -33.1445



110.0400, -54.2497, 40.3069

Square

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



111.7930, 50.8811, -33.1445



109.5640, -11.6171, 86.3284



105.3790, -51.9518, 3.1756



99.2800, 25.0050, -87.0686

Rectangle

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



111.7930, 50.8811, -33.1445



115.4560, 19.0022, 65.3751



105.3790, -51.9518, 3.1756



89.8980, -5.8657, -78.8405

Sweetspot

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



111.7930, 50.8811, -33.1445



217.4450, 18.5146, -11.7913



168.5090, 4.1861, -82.8844



105.2300, 11.2256, -7.2177



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.



111.7930, 50.8811, -33.1445



107.4380, 72.7481, -46.8651



99.9410, 56.7241, 6.1907



99.0150, 3.9366, -2.6442



45.9090, 61.6699, -40.2622



11.3590, 15.5990, -9.9618

Inverse Universe

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



120.3770, -4.6229, 82.9844



120.0270, -6.9153, 118.3713



189.0590, -56.7241, -6.1907



99.6310, -0.3111, 6.4626



56.2590, -5.5507, 100.6279



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 111.7930, 50.8811, -33.1445 looks on a white background.

Color Contrast Check

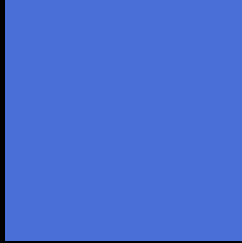
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.7930, 50.8811, -33.1445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

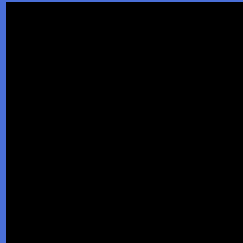
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.7930, 50.8811, -33.1445

Background



This preview shows how black text looks on a background with the YUV color 111.7930, 50.8811, -33.1445.



This preview shows how white text looks on a background with the YUV color 111.7930, 50.8811, -33.1445.

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

111.7930, 50.8811, -33.1445

Protanopia

109.3080, 53.0922, -42.3661

Deuteranopia

93.0920, 57.1426, -81.6417



Tritanopia

97.8480, 20.2879, -67.3957

Trichromacy



Original Color

111.7930, 50.8811, -33.1445

Protanomaly

110.1020, 52.2077, -38.6775

Deuteranomaly

99.6320, 54.9044, -63.6983

Tritanomaly

102.6120, 31.7433, -54.9107

Monochromacy



Original Color

111.7930, 50.8811, -33.1445

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0320, 18.2252, -12.3061

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7930, 50.8811, -33.1445 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(74, 111, 215)` looks like.

```
.text, #text, p{  
    color:rgb(74, 111, 215)  
}
```

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(74, 111, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 111, 215) }
```

Border

The CSS property to change the border of an element to YUV 111.7930, 50.8811, -33.1445 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(74, 111, 215) }
```


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

```
.border{ border-color:rgb(74, 111, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 111, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 111, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 111, 215);  
box-shadow:4px 4px 4px 4px rgb(74, 111,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 111.7930, 50.8811, -33.1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 111, 215) }
```

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

```
.background{ background-color: rgb(74, 111,  
215) }
```

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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