

Converting Colors

YUV(193.2350, 30.4501,
-13.3611)

Have a look what the booklet for
YUV(193.2350, 30.4501, -13.3611)
contains.

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Color

**YUV(193.2350, 30.4501,
-13.3611)**

Conversions

Conversions Part 1

Format	Color
Hex	B2BDFF
RGB	178, 189, 255
RGB Percent	70%, 74%, 100%
CMY	0.3020, 0.2588, 0.0000
CMYK	0.30, 0.26, 0.00, 0.00
HSL	231°, 100%, 85%
HSV	231°, 30%, 100%
XYZ	54.6077, 53.0802, 101.9751
YIQ	193.2350, -27.7420, 18.1940

Conversions

Conversions Part 2

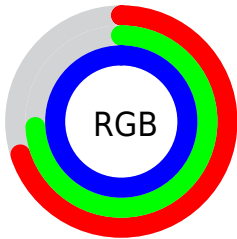
Format	Color
RYB	178, 188, 255
Decimal	11714047
CIELab	77.92, 10.83, -33.74
CIELCh	78, 35.437, 287.788
Yxy	53.0802, 0.2605, 0.2532
Android (android.graphics.Color)	4289904127 (0xFFB2BDFF)
YUV	193.2350, 30.4501, -13.3611
Hunter-Lab	72.8561, 6.2924, -31.9876

Details

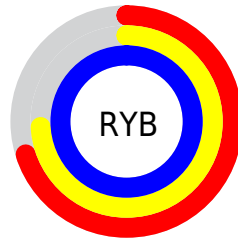
The YUV color $193.2350, 30.4501, -13.3611$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $239.7650, -30.4501, 13.3611$, and the grayscale version is $193.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.1500, 5.8421, -7.1475$, and $139.1810, 28.9978, -14.1907$ is the 20% darker color. If you saturate the color by 10%, you get $172.5470, 40.6493, -18.0197$, and if you desaturate by 10%, it is $213.6240, 20.3984, -9.3172$.

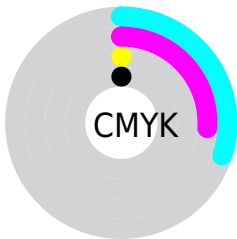
Distribution



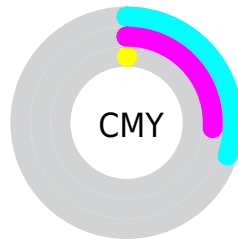
- Red (70%)
- Green (74%)
- Blue (100%)



- Red (70%)
- Yellow (74%)
- Blue (100%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (30%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2350, 30.4501, -13.3611 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 193.2350, 30.4501, -13.3611 by changing the saturation by 10% instead.

■ 193.2350, 30.4501,
-13.3611

■ 193.2350, 30.4501,
-13.3611

255.0000, 0.0000,
0.0000

■ 165.7080, 29.7240,
-13.7759

■ 243.1500, 5.8421,
-7.1475

■ 139.1810, 28.9978,
-14.1907

■ 113.6540, 28.2716,
-14.6056

■ 88.1270, 27.5454,
-15.0204

■ 63.5890, 26.8246,
-17.1796

■ 38.8440, 26.6989,
-23.5422

■ 20.7800, 23.7725,

-18.2241

■ 6.4180, 19.5139,
-5.6286

■ 3.4370, 10.6306,
-3.0142

■ 193.2350, 30.4501,
-13.3611

■ 193.2350, 30.4501,
-13.3611

■ 172.5470, 40.6493,
-18.0197

■ 213.6240, 20.3984,
-9.3172

■ 152.1580, 50.7011,
-22.0636

■ 234.3120, 10.1992,
-4.6586

■ 131.4700, 60.9003,
-26.7222

255.0000, 0.0000,
0.0000

■ 111.6680, 70.6627,
-31.2808

■ 90.9800, 80.8619,
-35.9395

■ 70.5910, 90.9136,
-39.9833

■ 50.2020, 100.9654,
-44.0272

Harmonies

Analogous

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



184.7420, 34.6372, -49.7627



193.2350, 30.4501, -13.3611



196.9960, 19.7220, 21.0515

Triad

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



193.2350, 30.4501, -13.3611



194.0050, -24.1595, 49.1076



179.1430, -0.5635, -52.7454

Complementary

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



193.2350, 30.4501, -13.3611



239.7650, -30.4501, 13.3611

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.



184.3350, -18.4062, -23.0958



193.2350, 30.4501, -13.3611



191.7610, -30.9412, 30.9046

Square

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



193.2350, 30.4501, -13.3611



194.6970, -10.2036, 52.8857



188.6500, -29.4074, 5.5690



173.7390, 18.8627, -76.9471

Rectangle

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



193.2350, 30.4501, -13.3611



197.2880, 10.2110, 38.3354



188.6500, -29.4074, 5.5690



181.1890, -6.9952, -43.1388

Sweetspot

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



193.2350, 30.4501, -13.3611



236.3830, 9.1782, -3.8439



230.6090, 6.1088, -46.1381



115.8840, 5.9732, -2.5293



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.



193.2350, 30.4501, -13.3611



181.1190, 36.4233, -15.8904



194.8510, 29.6535, 8.9007



117.6560, 5.0996, -2.3293



37.6230, 75.6149, -32.9954



12.5790, 25.3506, -11.0318

Inverse Universe

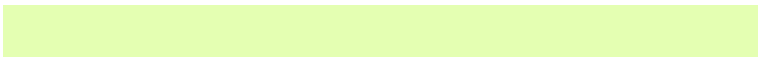
The Inverse Universe completely reimagines the original color for something new.



202.2770, -6.5456, 46.2381



191.9900, -7.8831, 55.2598



238.1490, -29.6535, -8.9007



119.1150, -1.0427, 7.7921



60.1870, -16.3612, 114.7230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 193.2350, 30.4501, -13.3611 looks on a white background.

Color Contrast Check

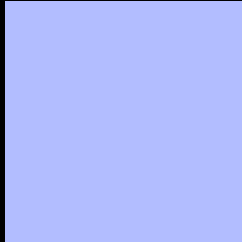
Large Text (above 18pt) WCAG AA × Fail

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 193.2350, 30.4501, -13.3611 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 ✓ Pass

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

YUV 193.2350, 30.4501, -13.3611 Background



This preview shows how black text looks on a background with the YUV color 193.2350, 30.4501, -13.3611.



This preview shows how white text looks on a background with the YUV color 193.2350, 30.4501, -13.3611.

-13.3611.

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

193.2350, 30.4501, -13.3611

Protanopia

192.6260, 30.7504, -16.3350

Deuteranopia

192.9360, 30.5976, -13.9759



Tritanopia

190.4520, 11.1162, -18.8134

Trichromacy



Original Color

193.2350, 30.4501, -13.3611

Protanomaly

192.9250, 30.6030, -15.7202

Deuteranomaly

192.9360, 30.5976, -13.9759

Tritanomaly

191.2980, 18.0941, -16.9243

Monochromacy



Original Color

193.2350, 30.4501, -13.3611

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.5400, 11.0728, -4.8586

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2350, 30.4501, -13.3611 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(178, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(178, 189, 255)  
}
```

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(178, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 189, 255) }
```

Border

The CSS property to change the border of an element to YUV 193.2350, 30.4501, -13.3611 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

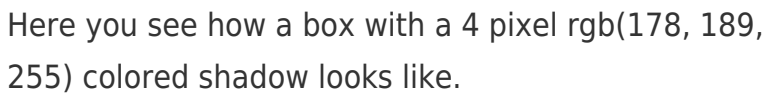
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 189, 255) }
```


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

```
.border{ border-color:rgb(178, 189, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(178, 189,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 193.2350, 30.4501, -13.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 189, 255) }
```

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

```
.background{ background-color: rgb(178,  
189, 255) }
```

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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