

Converting Colors

YUV(167.6350, 30.2529,
-43.5299)

Have a look what the booklet for
YUV(167.6350, 30.2529, -43.5299)
contains.

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Color

**YUV(167.6350, 30.2529,
-43.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	76B5E5
RGB	118, 181, 229
RGB Percent	46%, 71%, 90%
CMY	0.5373, 0.2902, 0.1020
CMYK	0.48, 0.21, 0.00, 0.10
HSL	206°, 68%, 68%
HSV	206°, 48%, 90%
XYZ	38.1379, 42.5564, 80.3329
YIQ	167.6350, -52.9560, 1.5720

Conversions

Conversions Part 2

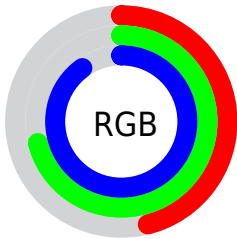
Format	Color
R _Y B	118, 158, 229
Decimal	7779813
CIE Lab	71.25, -7.30, -30.28
CIE LCh	71, 31.153, 256.443
Yxy	42.5564, 0.2368, 0.2643
Android (android.graphics.Color)	4285969893 (0xFF76B5E5)
YUV	167.6350, 30.2529, -43.5299
Hunter-Lab	65.2353, -9.8069, -27.3469

Details

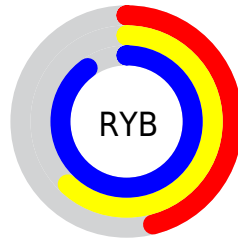
The YUV color **167.6350, 30.2529, -43.5299** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **179.3650, -30.2529, 43.5299**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5140, 17.0016, -39.9158**, and **112.4990, 29.8270, -46.9186** is the 20% darker color. If you saturate the color by 10%, you get **154.8880, 36.5372, -52.5218**, and if you desaturate by 10%, it is **180.3820, 23.9687, -34.5380**.

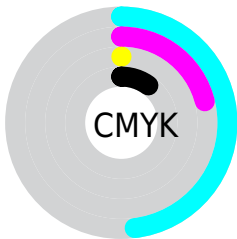
Distribution



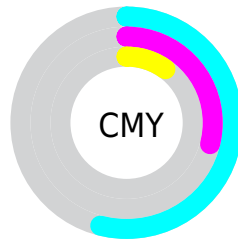
- Red (46%)
- Green (71%)
- Blue (90%)



- Red (46%)
- Yellow (62%)
- Blue (90%)



- Cyan (48%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (54%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6350, 30.2529, -43.5299 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 167.6350, 30.2529, -43.5299 by changing the saturation by 10% instead.

■ 167.6350, 30.2529,
-43.5299

■ 167.6350, 30.2529,
-43.5299

255.0000, 0.0000,
0.0000

■ 139.9230, 30.1110,
-44.6595

■ 220.5140, 17.0016,
-39.9158

■ 112.4990, 29.8270,
-46.9186

■ 239.7510, 7.5178,
-31.3536

■ 83.7970, 31.1591,
-54.1960

■ 248.7210, 3.0955,
-12.9103

■ 60.1670, 29.9907,
-52.7665

■ 44.4030, 25.4373,
-38.9414

■ 28.7530, 21.3208,
-25.2164

■ 12.6300, 17.9304,

-11.0765

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 167.6350, 30.2529,
-43.5299

■ 167.6350, 30.2529,
-43.5299

■ 154.8880, 36.5372,
-52.5218

■ 180.3820, 23.9687,
-34.5380

■ 142.1410, 42.8215,
-61.5137

■ 193.1290, 17.6844,
-25.5461

■ 129.3940, 49.1058,
-70.5055

■ 205.8760, 11.4001,
-16.5543

■ 116.6470, 55.3900,
-79.4974

■ 218.6230, 5.1159,
-7.5624

■ 103.9000, 61.6743,
-88.4893

■ 231.0710, -1.0210,
0.8147

■ 102.4160, 62.4059,
-89.8188

■ 243.2310, -7.0159,
10.3214

■ 249.1010, -9.9098,
5.1734

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



159.9930, 27.1185, -64.8919



167.6350, 30.2529, -43.5299



174.9100, 26.6664, -13.0761

Triad

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



167.6350, 30.2529, -43.5299



177.7070, -8.7296, 46.7380



167.6390, -16.0910, -18.9774

Complementary

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



167.6350, 30.2529, -43.5299



179.3650, -30.2529, 43.5299

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.



171.3880, -25.3343, 5.7987



167.6350, 30.2529, -43.5299



175.9980, -20.2120, 42.9748

Square

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



167.6350, 30.2529, -43.5299



178.9090, 4.9749, 37.7908



173.8900, -26.5678, 28.1605



162.9700, -1.4642, -43.8237

Rectangle

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



167.6350, 30.2529, -43.5299



177.5490, 20.9283, 7.4115



173.8900, -26.5678, 28.1605



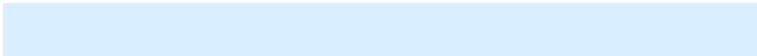
168.9560, -20.1913, -10.4854

Sweetspot

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



167.6350, 30.2529, -43.5299



233.6590, 10.5211, -14.6099



188.4010, -12.0297, -61.7417



115.2530, 6.2843, -8.9919



0.0000, 0.0000, 0.0000



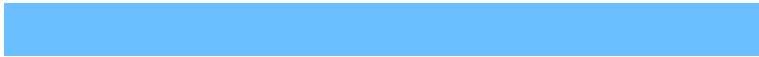
128.0000, 0.0000, 0.0000

Same Dimension

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



167.6350, 30.2529, -43.5299



173.1800, 40.3373, -58.0399



135.9370, 45.8801, -15.7307



108.4770, 3.2158, -4.8033



79.6930, 48.9584, -69.8908



22.8370, 13.8844, -20.0280

Inverse Universe

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



158.3710, 11.1561, 61.9416



160.8280, 14.8748, 82.5888



211.0630, -45.8801, 15.7307



107.3860, 1.2887, 6.6775



65.0350, 17.7307, 99.9473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 167.6350, 30.2529, -43.5299 looks on a white background.

Color Contrast Check

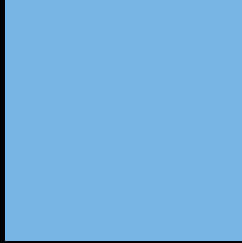
Large Text (above 18pt) WCAG AA × Fail

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 167.6350, 30.2529, -43.5299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

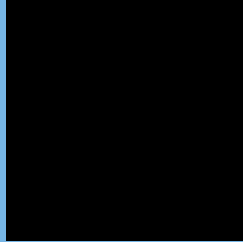
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.6350, 30.2529, -43.5299

Background



This preview shows how black text looks on a background with the YUV color 167.6350, 30.2529, -43.5299.



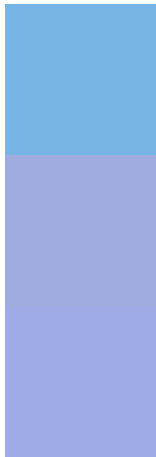
This preview shows how white text looks on a background with the YUV color 167.6350, 30.2529, -43.5299.

-43.5299.

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

167.6350, 30.2529, -43.5299

Protanopia

174.4110, 23.4614, -11.7614

Deuteranopia

174.2520, 27.9768, -13.3760



Tritanopia

164.6870, 17.9023, -48.8375

Trichromacy



Original Color

167.6350, 30.2529, -43.5299

Protanomaly

171.7300, 26.2621, -23.4422

Deuteranomaly

172.0010, 28.5935, -24.5569

Tritanomaly

165.5500, 22.4069, -46.9633

Monochromacy



Original Color

167.6350, 30.2529, -43.5299

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0610, 10.8159, -15.8395

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6350, 30.2529, -43.5299 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(118, 181, 229)` looks like.

```
.text, #text, p{  
    color:rgb(118, 181, 229)  
}
```

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(118, 181, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 181, 229) }
```

Border

The CSS property to change the border of an element to YUV 167.6350, 30.2529, -43.5299 is called "border".

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

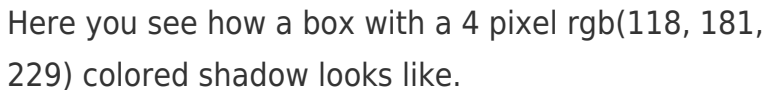
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 181, 229) }
```


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

```
.border{ border-color:rgb(118, 181, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 181, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 181, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 181, 229);  
box-shadow:4px 4px 4px 4px rgb(118, 181,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 167.6350, 30.2529, -43.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 181, 229) }
```

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

```
.background{ background-color: rgb(118,  
181, 229) }
```

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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