

Converting Colors

YUV(161.3350, 31.8798,
-52.0368)

Have a look what the booklet for
YUV(161.3350, 31.8798, -52.0368)
contains.

YUV(161.3350, 31.8798, -52.0368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(161.3350, 31.8798,
-52.0368)**

Conversions

Conversions Part 1

Format	Color
Hex	66B3E2
RGB	102, 179, 226
RGB Percent	40%, 70%, 89%
CMY	0.6000, 0.2980, 0.1137
CMYK	0.55, 0.21, 0.00, 0.11
HSL	203°, 68%, 64%
HSV	203°, 55%, 89%
XYZ	35.3271, 40.5560, 77.9177
YIQ	161.3350, -60.9790, -1.7070

Conversions

Conversions Part 2

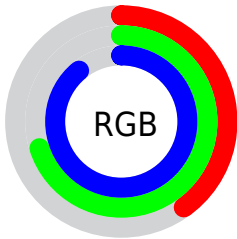
Format	Color
RYB	102, 150, 226
Decimal	6730722
CIELab	69.86, -10.61, -30.85
CIELCh	70, 32.623, 251.026
Yxy	40.5560, 0.2297, 0.2637
Android (android.graphics.Color)	4284920802 (0xFF66B3E2)
YUV	161.3350, 31.8798, -52.0368
Hunter-Lab	63.6836, -12.4273, -27.9636

Details

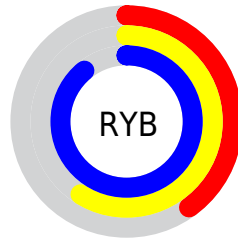
The YUV color **161.3350, 31.8798, -52.0368** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **166.6650, -31.8798, 52.0368**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1540, 19.6441, -47.4931**, and **103.8070, 32.6331, -60.3437** is the 20% darker color. If you saturate the color by 10%, you get **149.1750, 37.8747, -61.5435**, and if you desaturate by 10%, it is **173.4950, 25.8850, -42.5301**.

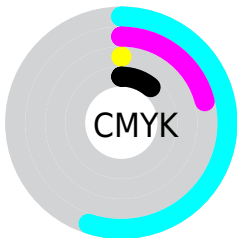
Distribution



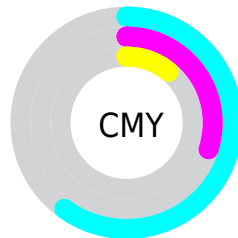
- Red (40%)
- Green (70%)
- Blue (89%)



- Red (40%)
- Yellow (59%)
- Blue (89%)



- Cyan (55%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (60%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.3350, 31.8798, -52.0368 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 161.3350, 31.8798, -52.0368 by changing the saturation by 10% instead.

■ 161.3350, 31.8798,
-52.0368

■ 161.3350, 31.8798,
-52.0368

■ 255.0000, 0.0000,
0.0000

■ 133.0250, 32.0327,
-54.3959

■ 215.1540, 19.6441,
-47.4931

■ 103.8070, 32.6331,
-60.3437

■ 235.5650, 9.5815,
-39.9605

■ 75.7030, 33.6704,
-66.3915

■ 244.2360, 5.3067,
-22.1320

■ 59.2380, 28.9697,
-51.9517

■ 253.2060, 0.8844,
-3.6887

■ 42.8870, 24.7057,
-37.6119

■ 27.8240, 20.2998,
-24.4016

■ 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 161.3350, 31.8798,
-52.0368

■ 161.3350, 31.8798,
-52.0368

■ 149.1750, 37.8747,
-61.5435

■ 173.4950, 25.8850,
-42.5301

■ 137.9010, 43.4328,
-70.9502

■ 184.7690, 20.3269,
-33.1234

■ 125.7410, 49.4277,
-80.4569

■ 196.9290, 14.3320,
-23.6167

■ 114.4670, 54.9858,
-89.8636

■ 208.2030, 8.7739,
-14.2100

■ 107.9440, 58.2016,
-94.6669

■ 220.3630, 2.7790,
-4.7034

■ 231.9360, -2.9264,
5.3181

■ 242.3020, -8.0369,
11.1361

■ 247.5850,
-10.6414, 6.5030

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



153.6500, 27.2875, -72.4841



161.3350, 31.8798, -52.0368



169.8490, 29.1614, -20.0386

Triad

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



161.3350, 31.8798, -52.0368



173.7010, -6.2616, 48.4972



163.8630, -19.1595, -14.7889

Complementary

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



161.3350, 31.8798, -52.0368



166.6650, -31.8798, 52.0368

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.



167.5520, -27.3871, 10.9169



161.3350, 31.8798, -52.0368



172.2480, -19.3493, 46.2635

Square

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



161.3350, 31.8798, -52.0368



175.2940, 7.7431, 36.5762



170.0970, -27.1628, 32.3639



159.2970, -4.0904, -41.4795

Rectangle

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



161.3350, 31.8798, -52.0368



173.4990, 23.4180, 2.1934



170.0970, -27.1628, 32.3639



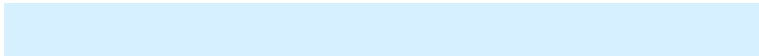
165.5930, -22.9703, -5.7821

Sweetspot

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



161.3350, 31.8798, -52.0368



233.9360, 10.3846, -17.4839



179.9180, -16.2286, -68.3341



114.6550, 6.5791, -10.2214



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.



161.3350, 31.8798, -52.0368



167.2000, 43.2854, -70.3354



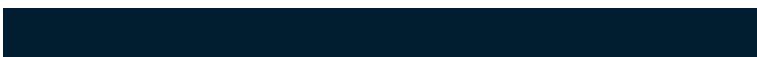
126.1150, 49.2433, -21.1489



106.3630, 2.7790, -4.7034



84.0470, 45.3328, -73.7092



23.0820, 12.2846, -20.2429

Inverse Universe

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



147.8540, 15.3550, 68.5340



149.0880, 20.6626, 92.8848



201.8850, -49.2433, 21.1489



105.0870, 1.4361, 6.0627



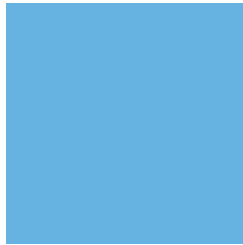
65.0500, 21.6674, 97.3032



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 161.3350, 31.8798, -52.0368 looks on a white background.

Color Contrast Check

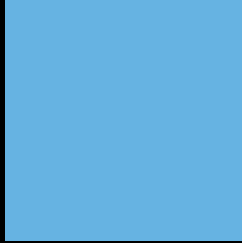
Large Text (above 18pt) WCAG AA × Fail

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 161.3350, 31.8798, -52.0368 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 161.3350, 31.8798, -52.0368 Background



This preview shows how black text looks on a background with the YUV color 161.3350, 31.8798, -52.0368.

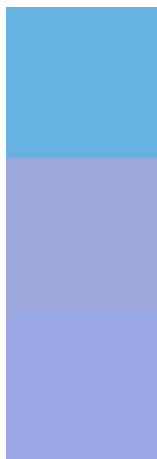


This preview shows how white text looks on a background with the YUV color 161.3350, 31.8798, -52.0368.

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

161.3350, 31.8798, -52.0368

Protanopia

170.4110, 23.4614, -11.7614

Deuteranopia

169.8820, 29.1452, -14.8055



Tritanopia

158.2020, 20.1134, -58.0592

Trichromacy



Original Color

161.3350, 31.8798, -52.0368

Protanomaly

167.1210, 26.5623, -26.4161

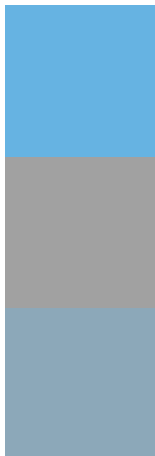
Deuteranomaly

166.4350, 30.3515, -28.4455

Tritanomaly

159.3640, 24.4705, -55.5702

Monochromacy



Original Color

161.3350, 31.8798, -52.0368

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.5660, 11.5530, -18.9134

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.3350, 31.8798, -52.0368 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(102, 179, 226)` looks like.

```
.text, #text, p{  
    color:rgb(102, 179, 226)  
}
```

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(102, 179, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 179, 226) }
```

Border

The CSS property to change the border of an element to YUV 161.3350, 31.8798, -52.0368 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(102, 179, 226) }
```


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

```
.border{ border-color:rgb(102, 179, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 179, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 179, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 179, 226);  
box-shadow:4px 4px 4px 4px rgb(102, 179,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 161.3350, 31.8798, -52.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 179, 226) }
```

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

```
.background{ background-color: rgb(102,  
179, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor