

Converting Colors

YUV(130.1860, 61.5333,
-43.1361)

Have a look what the booklet for
YUV(130.1860, 61.5333, -43.1361)
contains.

YUV(130.1860, 61.5333, -43.1361)	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(130.1860, 61.5333,
-43.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	5183FF
RGB	81, 131, 255
RGB Percent	32%, 51%, 100%
CMY	0.6824, 0.4863, 0.0000
CMYK	0.68, 0.49, 0.00, 0.00
HSL	223°, 100%, 66%
HSV	223°, 68%, 100%
XYZ	29.5596, 25.2019, 97.9142
YIQ	130.1860, -69.6040, 27.9640

Conversions

Conversions Part 2

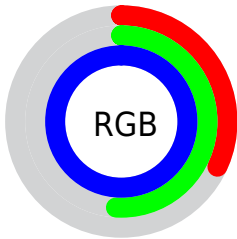
Format	Color
R_{YB}	81, 120, 255
Decimal	5342207
CIE _{Lab}	57.27, 22.93, -66.71
CIE _{LCh}	57, 70.546, 288.970
Yxy	25.2019, 0.1936, 0.1651
Android (android.graphics.Color)	4283532287 (0xFF5183FF)
YUV	130.1860, 61.5333, -43.1361
Hunter-Lab	50.2015, 17.2516, -80.4996

Details

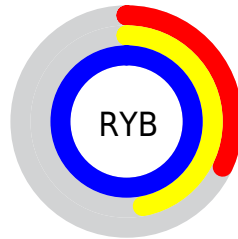
The YUV color **130.1860, 61.5333, -43.1361** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **205.8140, -61.5333, 43.1361**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4440, 36.7561, -29.3304**, and **71.1790, 62.0298, -62.4240** is the 20% darker color. If you saturate the color by 10%, you get **112.1450, 70.4275, -49.2392**, and if you desaturate by 10%, it is **148.2270, 52.6391, -37.0331**.

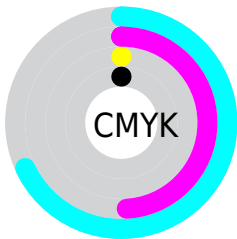
Distribution



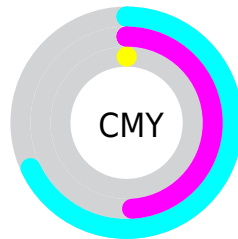
- Red (32%)
- Green (51%)
- Blue (100%)



- Red (32%)
- Yellow (47%)
- Blue (100%)



- Cyan (68%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.1860, 61.5333, -43.1361 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 130.1860, 61.5333, -43.1361 by changing the saturation by 10% instead.

■ 130.1860, 61.5333,
-43.1361

■ 130.1860, 61.5333,
-43.1361

255.0000, 0.0000,
0.0000

■ 99.0490, 62.5868,
-54.4170

■ 180.4440, 36.7561,
-29.3304

■ 71.1790, 62.0298,
-62.4240

■ 206.1490, 24.0835,
-24.6867

■ 54.4860, 56.4554,
-47.7842

■ 231.8540, 11.4110,
-20.0430

■ 39.6680, 50.4497,
-34.7888

■ 250.5150, 2.2111,
-9.2217

■ 26.1380, 44.3020,
-22.9230

■ 13.3090, 38.3017,
-11.6720

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 130.1860, 61.5333,
-43.1361

■ 130.1860, 61.5333,
-43.1361

■ 112.1450, 70.4275,
-49.2392

■ 148.2270, 52.6391,
-37.0331

■ 93.8050, 79.4691,
-55.9570

■ 166.5670, 43.5975,
-30.3153

■ 75.1770, 88.6527,
-61.5452

■ 185.4940, 34.2665,
-24.1122

■ 71.9210, 90.2579,
-63.0747

■ 203.5350, 25.3722,
-18.0092

■ 221.8750, 16.3306,
-11.2914

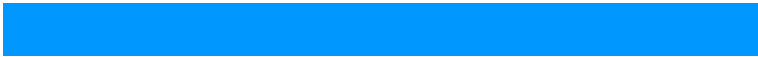
■ 239.9160, 7.4364,
-5.1883

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



117.7070, 67.6854, -103.2290



130.1860, 61.5333, -43.1361



141.0520, 38.4284, 41.1734

Triad

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



130.1860, 61.5333, -43.1361



130.4040, -42.5972, 82.9607



109.0360, 1.4613, -95.6246

Complementary

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



130.1860, 61.5333, -43.1361



205.8140, -61.5333, 43.1361

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.



111.0750, -31.0960, -59.7018



130.1860, 61.5333, -43.1361



129.5650, -63.8755, 47.7395

Square

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



130.1860, 61.5333, -43.1361



127.6200, -13.1237, 102.9423



123.9740, -61.1192, 3.5308



116.9190, 29.1269, -102.5380

Rectangle

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



130.1860, 61.5333, -43.1361



135.3850, 23.4742, 77.7154



123.9740, -61.1192, 3.5308



105.4680, -7.1327, -92.4954

Sweetspot

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



130.1860, 61.5333, -43.1361



218.6190, 17.9358, -12.8209



197.0460, 2.9353, -101.7723



105.8170, 10.9362, -7.7325



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.



130.1860, 61.5333, -43.1361



105.0460, 73.9273, -51.7833



111.3010, 70.8436, 4.1210



118.2430, 4.8102, -2.8441



54.0590, 67.5119, -47.4097



17.8620, 22.7460, -15.6650

Inverse Universe

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



138.7260, -3.8089, 101.9723



115.3310, -4.6002, 122.4897



224.6990, -70.8436, -4.1210



119.2290, -0.6059, 7.6922



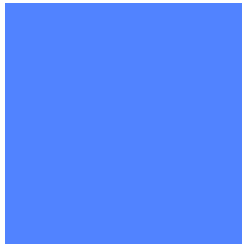
63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 130.1860, 61.5333, -43.1361 looks on a white background.

Color Contrast Check

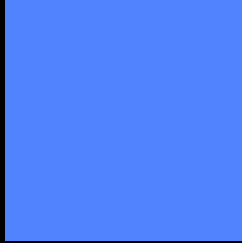
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.1860, 61.5333, -43.1361 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 130.1860, 61.5333, -43.1361 Background



This preview shows how black text looks on a background with the YUV color 130.1860, 61.5333, -43.1361.



This preview shows how white text looks on a background with the YUV color 130.1860, 61.5333, -43.1361.

-43.1361.

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

130.1860, 61.5333, -43.1361

Protanopia

128.6690, 62.2812, -49.6987

Deuteranopia

109.5230, 66.7902, -96.0517



Tritanopia

107.9200, 27.6474, -94.6458

Trichromacy



Original Color

130.1860, 61.5333, -43.1361

Protanomaly

128.9790, 62.1284, -47.3396

Deuteranomaly

116.8890, 65.1307, -77.0787

Tritanomaly

115.6570, 40.1021, -75.9982

Monochromacy



Original Color

130.1860, 61.5333, -43.1361

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.7480, 22.3092, -15.5650

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.1860, 61.5333, -43.1361 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(81, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(81, 131, 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(81, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 131, 255) }
```

Border

The CSS property to change the border of an element to YUV 130.1860, 61.5333, -43.1361 is called "border".

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

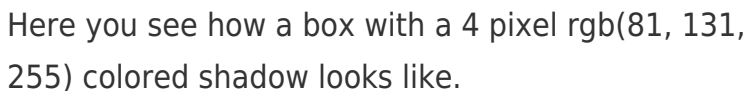
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 131, 255) }
```


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

```
.border{ border-color:rgb(81, 131, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(81, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(81, 131,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 130.1860, 61.5333, -43.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 131, 255) }
```

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

```
.background{ background-color: rgb(81, 131,  
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](#).

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