

Converting Colors

YUV(184.6620, -31.3854,
-60.2166)

Have a look what the booklet for
YUV(184.6620, -31.3854, -60.2166)
contains.

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Color

**YUV(184.6620, -31.3854,
-60.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	74E879
RGB	116, 232, 121
RGB Percent	45%, 91%, 47%
CMY	0.5451, 0.0902, 0.5255
CMYK	0.50, 0.00, 0.48, 0.09
HSL	123°, 72%, 68%
HSV	123°, 50%, 91%
XYZ	39.5103, 62.8067, 28.1297
YIQ	184.6620, -33.5050, -59.1130

Conversions

Conversions Part 2

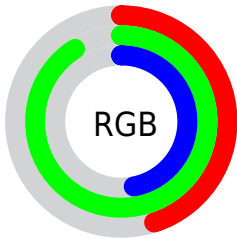
Format	Color
RYB	116, 227, 232
Decimal	7661689
CIELab	83.34, -55.03, 43.90
CIElCh	83, 70.396, 141.422
Yxy	62.8067, 0.3029, 0.4815
Android (android.graphics.Color)	4285851769 (0xFF74E879)
YUV	184.6620, -31.3854, -60.2166
Hunter-Lab	79.2507, -49.6979, 34.4308

Details

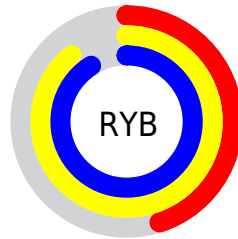
The YUV color **184.6620, -31.3854, -60.2166** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **163.3380, 31.3854, 60.2166**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9600, -23.1513, -41.1839**, and **126.4380, -28.3169, -64.4051** is the 20% darker color. If you saturate the color by 10%, you get **175.2770, -37.6046, -72.1569**, and if you desaturate by 10%, it is **194.0470, -25.1662, -48.2762**.

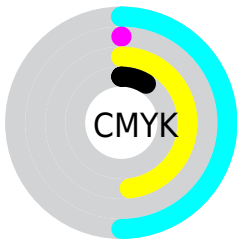
Distribution



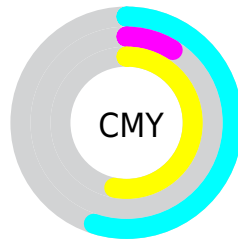
- Red (45%)
- Green (91%)
- Blue (47%)



- Red (45%)
- Yellow (89%)
- Blue (91%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)
- Black (9%)



- Cyan (55%)
- Magenta (9%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.6620, -31.3854, -60.2166 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 184.6620, -31.3854, -60.2166 by changing the saturation by 10% instead.

■ 184.6620,
-31.3854, -60.2166

■ 184.6620,
-31.3854, -60.2166

255.0000, 0.0000,
0.0000

■ 155.7050,
-29.9276, -61.1313

■ 221.9600,
-23.1513, -41.1839

■ 126.4380,
-28.3169, -64.4051

■ 233.8230,
-15.1957, -26.1548

■ 91.8920, -23.6108,
-80.5893

■ 246.0990, -6.9508,
-10.6108

■ 72.7370, -28.4643,
-63.7903

■ 56.3520, -27.7815,
-49.4207

■ 41.0900, -20.2574,
-36.0359

■ 28.1760, -13.8908,

-24.7104

■ 11.7400, -5.7878,
-10.2960

■ 0.0000, 0.0000,
0.0000

■ 184.6620,
-31.3854, -60.2166

■ 184.6620,
-31.3854, -60.2166

■ 175.2770,
-37.6046, -72.1569

■ 194.0470,
-25.1662, -48.2762

■ 165.8920,
-43.8238, -84.0973


■ 203.4320,
-18.9470, -36.3359


■ 156.0940,
-50.3323, -96.5524


■ 213.2300,
-12.4384, -23.8807


■ 146.7090,
-56.5515, -108.4928

■ 222.6150, -6.2192,
-11.9404

 137.3240,
-62.7707, -120.4331

 232.0000, 0.0000,
0.0000

 241.3850, 6.2192,
11.9404

 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



195.4190, -59.3666, 1.3865



184.6620, -31.3854, -60.2166



161.4970, 12.0800, -141.6329

Triad

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



184.6620, -31.3854, -60.2166



158.7970, 47.4281, -139.2650



183.4640, -10.0888, 62.7371

Complementary

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



184.6620, -31.3854, -60.2166



163.3380, 31.3854, 60.2166

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.



190.5150, 19.4661, 56.5533



184.6620, -31.3854, -60.2166



198.2190, 27.9930, -18.6091

Square

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



184.6620, -31.3854, -60.2166



166.4280, 43.6660, -145.9574



205.1050, 24.5982, 43.7579



189.1790, -41.5002, 57.7250

Rectangle

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



184.6620, -31.3854, -60.2166



167.3280, 31.8833, -146.7467



205.1050, 24.5982, 43.7579



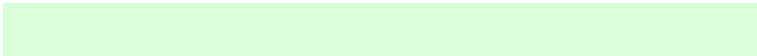
184.2110, 0.3890, 62.0820

Sweetspot

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



184.6620, -31.3854, -60.2166



239.4200, -10.5601, -19.6623



217.5800, -50.0789, 9.1383



118.6150, -6.2192, -11.9404



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.



184.6620, -31.3854, -60.2166



192.6090, -41.2192, -79.4641



191.1600, -6.4879, -65.9153



110.1580, -3.0359, -6.2776



105.9850, -48.3066, -92.9488



30.1650, -13.8853, -26.4547

Inverse Universe

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



163.3380, 31.3854, 60.2166



164.3910, 41.2192, 79.4641



156.8400, 6.4879, 65.9153



107.8420, 3.0359, 6.2776



73.0150, 48.3066, 92.9488



20.8350, 13.8853, 26.4547

Previews

White Background



This preview shows how the YUV color 184.6620, -31.3854, -60.2166 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 184.6620, -31.3854, -60.2166 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 184.6620, -31.3854, -60.2166 Background



This preview shows how black text looks on a background with the YUV color 184.6620, -31.3854, -60.2166.



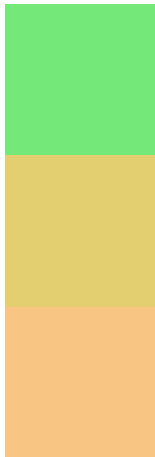
This preview shows how white text looks on a background with the YUV color 184.6620, -31.3854, -60.2166.

-60.2166.

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

184.6620, -31.3854, -60.2166

Protanopia

201.5630, -44.1546, 22.3082

Deuteranopia

204.9100, -36.9306, 38.6669



Tritanopia

197.7300, 19.3601, -49.7522

Trichromacy



Original Color

184.6620, -31.3854, -60.2166



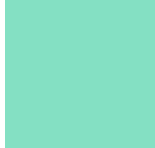
Protanomaly

195.2280, -39.5524, -7.2160



Deuteranomaly

197.8470, -34.9276, 2.7652



Tritanomaly

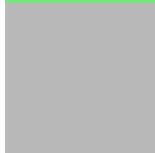
193.1860, 0.8943, -53.6601

Monochromacy



Original Color

184.6620, -31.3854, -60.2166



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

184.8820, -11.2808, -21.8215

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.6620, -31.3854, -60.2166 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(116, 232, 121)` looks like.

```
.text, #text, p{  
    color:rgb(116, 232, 121)  
}
```

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(116, 232, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 232, 121) }
```

Border

The CSS property to change the border of an element to YUV 184.6620, -31.3854, -60.2166 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(116, 232, 121) }
```


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

```
.border{ border-color:rgb(116, 232, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 232, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 232, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 232, 121);  
box-shadow:4px 4px 4px 4px rgb(116, 232,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 184.6620, -31.3854, -60.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 232, 121) }
```

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

```
.background{ background-color: rgb(116,  
232, 121) }
```

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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