

Converting Colors

YUV(181.7430, -30.9323,
-65.5496)

Have a look what the booklet for
YUV(181.7430, -30.9323, -65.5496)
contains.

YUV(181.7430, -30.9323, -65.5496)	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(181.7430, -30.9323,
-65.5496)**

Conversions

Conversions Part 1

Format	Color
Hex	6BE877
RGB	107, 232, 119
RGB Percent	42%, 91%, 47%
CMY	0.5804, 0.0902, 0.5333
CMYK	0.54, 0.00, 0.49, 0.09
HSL	126°, 73%, 66%
HSV	126°, 54%, 91%
XYZ	38.2498, 62.1709, 27.4370
YIQ	181.7430, -38.2270, -61.6430

Conversions

Conversions Part 2

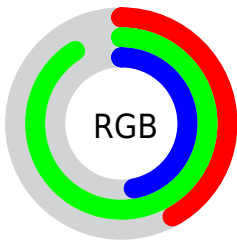
Format	Color
RYB	107, 221, 232
Decimal	7071863
CIELab	83.00, -57.59, 44.37
CIELCh	83, 72.705, 142.389
Yxy	62.1709, 0.2992, 0.4863
Android (android.graphics.Color)	4285261943 (0xFF6BE877)
YUV	181.7430, -30.9323, -65.5496
Hunter-Lab	78.8485, -51.3938, 34.5628

Details

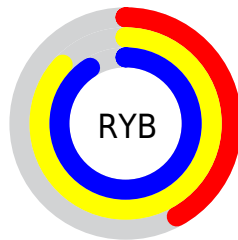
The YUV color **181.7430, -30.9323, -65.5496** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **157.2570, 30.9323, 65.5496**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3400, -22.8456, -45.9022**, and **122.0240, -27.1268, -72.8120** is the 20% darker color. If you saturate the color by 10%, you get **172.4720, -36.7147, -77.5899**, and if you desaturate by 10%, it is **191.0140, -25.1499, -53.5093**.

Distribution



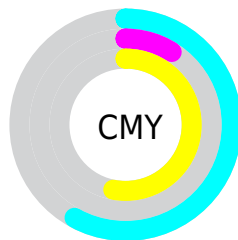
- Red (42%)
- Green (91%)
- Blue (47%)



- Red (42%)
- Yellow (87%)
- Blue (91%)



- Cyan (54%)
- Magenta (0%)
- Yellow (49%)
- Black (9%)



- Cyan (58%)
- Magenta (9%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7430, -30.9323, -65.5496 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 181.7430, -30.9323, -65.5496 by changing the saturation by 10% instead.

■ 181.7430,
-30.9323, -65.5496

■ 181.7430,
-30.9323, -65.5496

255.0000, 0.0000,
0.0000

■ 152.4870,
-29.3271, -67.0791

■ 219.3400,
-22.8456, -45.9022

■ 122.0240,
-27.1268, -72.8120

■ 231.2030,
-14.8901, -30.8730

■ 91.5500, -24.9211,
-80.2893

■ 243.4790, -6.6451,
-15.3291

■ 72.3950, -29.7747,
-63.4904

■ 55.7650, -27.4921,
-48.9059

■ 41.0900, -20.2574,
-36.0359

■ 28.1760, -13.8908,

-24.7104

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 181.7430,
-30.9323, -65.5496

■ 181.7430,
-30.9323, -65.5496

■ 172.4720,
-36.7147, -77.5899

■ 191.0140,
-25.1499, -53.5093

■ 163.2010,
-42.4971, -89.6303

■ 200.2850,
-19.3675, -41.4689

■ 153.6310,
-48.1321, -102.2854

■ 209.8550,
-13.7325, -28.8138

■ 144.3600,
-53.9145, -114.3257

■ 219.1260, -7.9501,
-16.7735

■ 138.6920,
-57.5292, -121.6329

■ 228.3970, -2.1677,
-4.7332

■ 237.6680, 3.6147,
7.3072

■ 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.



193.5390, -61.3977, -0.4727



181.7430, -30.9323, -65.5496



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.



181.7430, -30.9323, -65.5496



158.2100, 47.7175, -138.7502



181.2470, -10.9678, 64.6814

Complementary

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



181.7430, -30.9323, -65.5496



157.2570, 30.9323, 65.5496

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.



187.2380, 19.6027, 59.4273



181.7430, -30.9323, -65.5496



197.3440, 28.4244, -16.9647

Square

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



181.7430, -30.9323, -65.5496



166.4280, 43.6660, -145.9574



203.3440, 25.4664, 45.3023



187.3210, -43.5423, 59.3545

Rectangle

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



181.7430, -30.9323, -65.5496



167.5560, 32.7569, -146.9466



203.3440, 25.4664, 45.3023



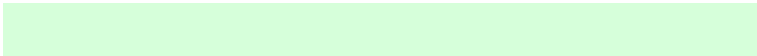
181.4070, -0.2007, 64.5411

Sweetspot

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



181.7430, -30.9323, -65.5496



238.5230, -10.1178, -21.5067



214.7600, -53.1257, 6.3495



118.0170, -5.9244, -13.1699



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.



181.7430, -30.9323, -65.5496



188.2660, -41.0501, -87.0563



188.6970, -4.2876, -71.6483



110.1580, -3.0359, -6.2776



107.0110, -44.3754, -93.8486



30.5070, -12.5750, -26.7546

Inverse Universe

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



157.2570, 30.9323, 65.5496



155.7340, 41.0501, 87.0563



150.3030, 4.2876, 71.6483



107.8420, 3.0359, 6.2776



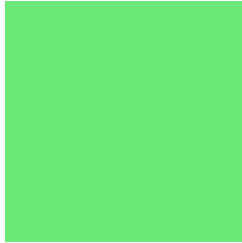
71.8750, 43.9386, 93.9486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 181.7430, -30.9323, -65.5496 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 181.7430, -30.9323, -65.5496 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 181.7430, -30.9323, -65.5496 Background



This preview shows how black text looks on a background with the YUV color 181.7430, -30.9323, -65.5496.



This preview shows how white text looks on a background with the YUV color 181.7430, -30.9323, -65.5496.

-65.5496.

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

181.7430, -30.9323, -65.5496

Protanopia

200.4490, -44.5914, 22.4082

Deuteranopia

203.7960, -37.3674, 38.7669



Tritanopia

195.9360, 20.2446, -53.4409

Trichromacy



Original Color

181.7430, -30.9323, -65.5496



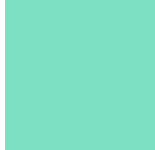
Protanomaly

193.8040, -39.8364, -9.4751



Deuteranomaly

195.8360, -34.9221, 1.0208



Tritanomaly

190.9790, 1.4894, -57.8636

Monochromacy



Original Color

181.7430, -30.9323, -65.5496



Achromatopsia

182.0000, 0.0000, 0.0000



Achromatomaly

181.8710, -11.2754, -23.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7430, -30.9323, -65.5496 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(107, 232, 119)` looks like.

```
.text, #text, p{  
    color:rgb(107, 232, 119)  
}
```

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(107, 232, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 232, 119) }
```

Border

The CSS property to change the border of an element to YUV 181.7430, -30.9323, -65.5496 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(107, 232, 119) }
```


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

```
.border{ border-color:rgb(107, 232, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 232, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 232, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 232, 119);  
box-shadow:4px 4px 4px 4px rgb(107, 232,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 181.7430, -30.9323, -65.5496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 232, 119) }
```

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

```
.background{ background-color: rgb(107,  
232, 119) }
```

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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