

Converting Colors

YUV(180.8630, -32.9635,
-67.4089)

Have a look what the booklet for
YUV(180.8630, -32.9635, -67.4089)
contains.

YUV(180.8630, -32.9635, -67.4089)	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(180.8630, -32.9635,
-67.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	68E972
RGB	104, 233, 114
RGB Percent	41%, 91%, 45%
CMY	0.5922, 0.0863, 0.5529
CMYK	0.55, 0.00, 0.51, 0.09
HSL	125°, 75%, 66%
HSV	125°, 55%, 91%
XYZ	37.8851, 62.4358, 25.9742
YIQ	180.8630, -38.6850, -64.3570

Conversions

Conversions Part 2

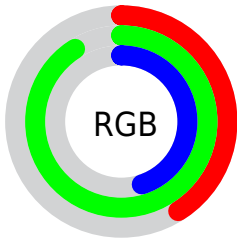
Format	Color
RYB	104, 224, 233
Decimal	6875506
CIELab	83.14, -59.38, 46.90
CIELCh	83, 75.665, 141.696
Yxy	62.4358, 0.3000, 0.4944
Android (android.graphics.Color)	4285065586 (0xFF68E972)
YUV	180.8630, -32.9635, -67.4089
Hunter-Lab	79.0163, -52.6951, 35.8217

Details

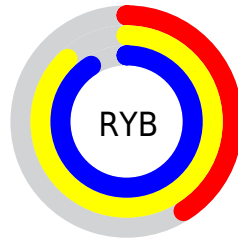
The YUV color **180.8630, -32.9635, -67.4089** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **156.1370, 32.9635, 67.4089**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.8730, -24.5874, -47.2466**, and **119.9480, -28.5684, -77.1304** is the 20% darker color. If you saturate the color by 10%, you get **171.5920, -38.7459, -79.4492**, and if you desaturate by 10%, it is **190.1340, -27.1811, -55.3685**.

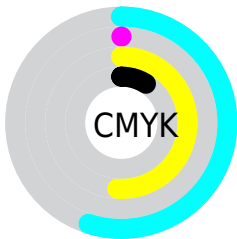
Distribution



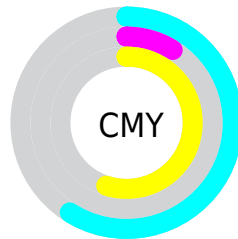
- Red (41%)
- Green (91%)
- Blue (45%)



- Red (41%)
- Yellow (88%)
- Blue (91%)



- Cyan (55%)
- Magenta (0%)
- Yellow (51%)
- Black (9%)



- Cyan (59%)
- Magenta (9%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8630, -32.9635, -67.4089 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 180.8630, -32.9635, -67.4089 by changing the saturation by 10% instead.

■ 180.8630,
-32.9635, -67.4089

■ 180.8630,
-32.9635, -67.4089

255.0000, 0.0000,
0.0000

■ 151.3080,
-31.2108, -69.5531

■ 217.8730,
-24.5874, -47.2466

■ 119.9480,
-28.5684, -77.1304

■ 230.0350,
-16.7793, -31.6027

■ 91.4530, -27.8313,
-80.2043

■ 242.1970, -8.9711,
-15.9588

■ 71.7280, -34.8689,
-62.9055

254.8860, -0.4368,
0.1000

■ 56.3520, -27.7815,
-49.4207

■ 41.6770, -20.5468,
-36.5507

■ 28.1760, -13.8908,

-24.7104

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 180.8630,
-32.9635, -67.4089

■ 180.8630,
-32.9635, -67.4089

■ 171.5920,
-38.7459, -79.4492

■ 190.1340,
-27.1811, -55.3685

■ 161.9080,
-44.8176, -92.0043


■ 199.8180,
-21.1093, -42.8134


■ 152.6370,
-50.6000, -104.0446


■ 209.0890,
-15.3269, -30.7731

■ 143.2520,
-56.8192, -115.9850

■ 218.4740, -9.1077,
-18.8327

 138.8230,
-59.5657, -121.7478

 228.0440, -3.4727,
-6.1776

 237.4290, 2.7465,
5.7628

 242.0860, 6.3666,
11.3256

Harmonies

Analogous

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



193.5130, -65.3289, 0.4271



180.8630, -32.9635, -67.4089



161.8560, 10.9170, -141.9477

Triad

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



180.8630, -32.9635, -67.4089



158.7970, 47.4281, -139.2650



178.8990, -9.8102, 66.7406

Complementary

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



180.8630, -32.9635, -67.4089



156.1370, 32.9635, 67.4089

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.



185.8190, 21.7812, 60.6717



180.8630, -32.9635, -67.4089



195.5500, 29.3089, -20.6533

Square

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



180.8630, -32.9635, -67.4089



167.0150, 43.3766, -146.4722



202.7570, 25.7558, 45.8171



185.8050, -44.2739, 60.6840

Rectangle

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



180.8630, -32.9635, -67.4089



168.1430, 32.4675, -147.4614



202.7570, 25.7558, 45.8171



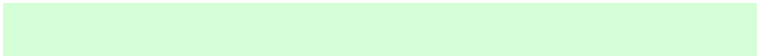
179.1730, 1.3937, 66.5003

Sweetspot

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



180.8630, -32.9635, -67.4089



237.5830, -11.1334, -22.4363



215.6030, -55.0203, 7.3642



117.4900, -6.6506, -13.5847



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.



180.8630, -32.9635, -67.4089



187.0980, -42.9393, -87.7859



188.0450, -5.4452, -73.7075



112.4570, -3.1833, -5.6628



107.8430, -46.2646, -94.5783



32.1540, -13.8799, -28.1991

Inverse Universe

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



156.1370, 32.9635, 67.4089



154.9020, 42.9393, 87.7859



148.9550, 5.4452, 73.7075



110.4290, 2.7465, 5.7628



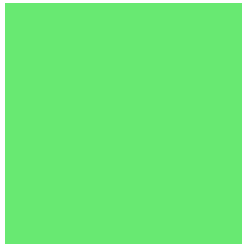
73.1570, 46.2646, 94.5783



21.7320, 13.4431, 28.2990

Previews

White Background



This preview shows how the YUV color 180.8630, -32.9635, -67.4089 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 180.8630, -32.9635, -67.4089 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 180.8630, -32.9635, -67.4089 Background



This preview shows how black text looks on a background with the YUV color 180.8630, -32.9635, -67.4089.



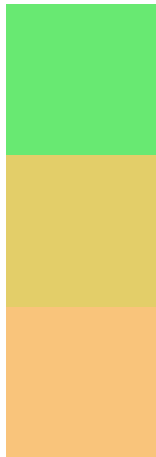
This preview shows how white text looks on a background with the YUV color 180.8630, -32.9635, -67.4089.

-67.4089.

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

180.8630, -32.9635, -67.4089

Protanopia

200.7650, -47.2121, 23.0081

Deuteranopia

203.5250, -39.6988, 39.8816



Tritanopia

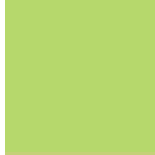
195.9250, 20.2500, -55.1852

Trichromacy



Original Color

180.8630, -32.9635, -67.4089



Protanomaly

193.5220, -42.1623, -10.1048



Deuteranomaly

194.9670, -36.9587, 0.9059



Tritanomaly

190.4410, 0.7686, -60.0228

Monochromacy



Original Color

180.8630, -32.9635, -67.4089



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.0450, -11.8542, -24.5955

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8630, -32.9635, -67.4089 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(104, 233, 114)` looks like.

```
.text, #text, p{  
    color:rgb(104, 233, 114)  
}
```

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(104, 233, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 233, 114) }
```

Border

The CSS property to change the border of an element to YUV 180.8630, -32.9635, -67.4089 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(104, 233, 114) }
```


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

```
.border{ border-color:rgb(104, 233, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 233, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 233, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 233, 114);  
box-shadow:4px 4px 4px 4px rgb(104, 233,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 180.8630, -32.9635, -67.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 233, 114) }
```

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

```
.background{ background-color: rgb(104,  
233, 114) }
```

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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