

Converting Colors

YUV(176.1590, -35.0814,
-41.3584)

Have a look what the booklet for
YUV(176.1590, -35.0814, -41.3584)
contains.

YUV(176.1590, -35.0814, -41.3584)	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(176.1590, -35.0814,
-41.3584)**

Conversions

Conversions Part 1

Format	Color
Hex	81D669
RGB	129, 214, 105
RGB Percent	51%, 84%, 41%
CMY	0.4941, 0.1608, 0.5882
CMYK	0.40, 0.00, 0.51, 0.16
HSL	107°, 57%, 63%
HSV	107°, 51%, 84%
XYZ	35.6496, 53.7802, 21.8663
YIQ	176.1590, -15.6710, -51.9190

Conversions

Conversions Part 2

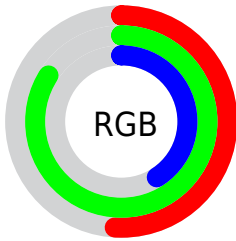
Format	Color
RYB	105, 214, 190
Decimal	8509033
CIELab	78.33, -46.02, 45.52
CIELCh	78, 64.734, 135.313
Yxy	53.7802, 0.3203, 0.4832
Android (android.graphics.Color)	4286699113 (0xFF81D669)
YUV	176.1590, -35.0814, -41.3584
Hunter-Lab	73.3350, -41.5637, 33.6560

Details

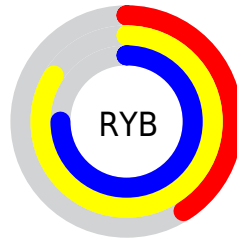
The YUV color **176.1590, -35.0814, -41.3584** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **142.8410, 35.0814, 41.3584**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3110, -32.1983, -32.7217**, and **121.3160, -33.1868, -42.3731** is the 20% darker color. If you saturate the color by 10%, you get **168.6820, -41.7482, -49.7101**, and if you desaturate by 10%, it is **183.6360, -28.4145, -33.0068**.

Distribution



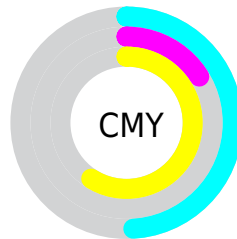
- Red (51%)
- Green (84%)
- Blue (41%)



- Red (41%)
- Yellow (84%)
- Blue (75%)



- Cyan (40%)
- Magenta (0%)
- Yellow (51%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1590, -35.0814, -41.3584 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 176.1590, -35.0814, -41.3584 by changing the saturation by 10% instead.

■ 176.1590,
-35.0814, -41.3584

■ 176.1590,
-35.0814, -41.3584

255.0000, 0.0000,
0.0000

■ 148.3870,
-34.2078, -41.5584

■ 223.3110,
-32.1983, -32.7217

■ 121.3160,
-33.1868, -42.3731

■ 235.1740,
-24.2428, -17.6926

■ 93.1200, -32.5972,
-44.8322

■ 247.0370,
-16.2872, -2.6634

■ 62.2220, -30.6754,
-54.5687

■ 253.6320, -5.2416,
1.1997

■ 47.5470, -23.4407,
-41.6987

■ 33.4590, -16.4953,
-29.3435

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 176.1590,
-35.0814, -41.3584

■ 176.1590,
-35.0814, -41.3584

■ 168.6820,
-41.7482, -49.7101

■ 183.6360,
-28.4145, -33.0068

■ 161.3900,
-48.9993, -57.3470

■ 190.9280,
-21.1635, -25.3699

■ 153.9130,
-55.6661, -65.6987

■ 198.4050,
-14.4967, -17.0182

■ 146.3220,
-62.7697, -73.9504

■ 205.9960, -7.3930,
-8.7665

■ 139.6710,
-68.8578, -81.2725

■ 213.1740, -0.5788,
-1.0296

■ 220.6510, 6.0881,
7.3221

■ 228.2420, 13.1917,
15.5738

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



184.1690, -56.7783, 11.2528



176.1590, -35.0814, -41.3584



148.0810, 6.3691, -129.8670

Triad

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



176.1590, -35.0814, -41.3584



151.7530, 50.9008, -133.0874



177.8220, -6.3212, 67.6851

Complementary

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



176.1590, -35.0814, -41.3584



142.8410, 35.0814, 41.3584

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.



186.5370, 19.4553, 60.0421



176.1590, -35.0814, -41.3584



183.3570, 35.3200, -35.3931

Square

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



176.1590, -35.0814, -41.3584



158.2100, 47.7175, -138.7502



196.7880, 28.6985, 35.2659



181.0580, -34.5386, 64.8471

Rectangle

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



176.1590, -35.0814, -41.3584



154.0430, 24.1358, -135.0957



196.7880, 28.6985, 35.2659



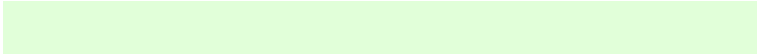
179.5150, 2.7041, 66.2003

Sweetspot

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



176.1590, -35.0814, -41.3584



241.6980, -12.1761, -14.6441



186.8990, -40.3762, 23.7676



119.9960, -7.3930, -8.7665



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.



176.1590, -35.0814, -41.3584



201.0370, -50.3042, -58.7914



172.2890, -18.8765, -59.0125



103.3540, -3.6255, -3.8185



111.7390, -55.0873, -64.6691



28.2310, -13.9179, -15.9886

Inverse Universe

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



142.8410, 35.0814, 41.3584



153.2620, 50.1568, 59.4062



146.7110, 18.8765, 59.0125



99.9450, 3.4781, 4.4332



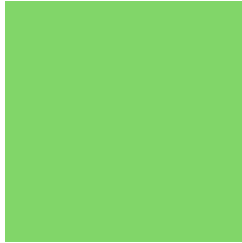
59.2610, 55.0873, 64.6691



15.0680, 13.7705, 16.6034

Previews

White Background



This preview shows how the YUV color 176.1590, -35.0814, -41.3584 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 176.1590, -35.0814, -41.3584 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 176.1590, -35.0814, -41.3584 Background



This preview shows how black text looks on a background with the YUV color 176.1590, -35.0814, -41.3584.



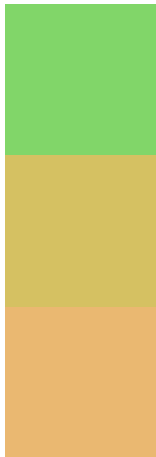
This preview shows how white text looks on a background with the YUV color 176.1590, -35.0814, -41.3584.

-41.3584.

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

176.1590, -35.0814, -41.3584

Protanopia

188.1500, -44.4440, 21.7934

Deuteranopia

190.8560, -38.3830, 37.8373



Tritanopia

187.9770, 14.8013, -34.1828

Trichromacy



Original Color

176.1590, -35.0814, -41.3584

Protanomaly

183.9190, -40.8791, -1.6830

Deuteranomaly

185.6090, -37.2752, 9.1129

Tritanomaly

183.5580, -3.2331, -36.4464

Monochromacy



Original Color

176.1590, -35.0814, -41.3584

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.1710, -12.9023, -15.0590

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1590, -35.0814, -41.3584 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(129, 214, 105)` looks like.

```
.text, #text, p{  
    color:rgb(129, 214, 105)  
}
```

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(129, 214, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 214, 105) }
```

Border

The CSS property to change the border of an element to YUV 176.1590, -35.0814, -41.3584 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(129, 214, 105) }
```


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

```
.border{ border-color:rgb(129, 214, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 214, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 214, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 214, 105);  
box-shadow:4px 4px 4px 4px rgb(129, 214,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 176.1590, -35.0814, -41.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 214, 105) }
```

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

```
.background{ background-color: rgb(129,  
214, 105) }
```

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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