

Converting Colors

YUV(174.5810, -28.3874,
-41.7285)

Have a look what the booklet for
YUV(174.5810, -28.3874, -41.7285)
contains.

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Color

**YUV(174.5810, -28.3874,
-41.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	7FD275
RGB	127, 210, 117
RGB Percent	50%, 82%, 46%
CMY	0.5020, 0.1765, 0.5412
CMYK	0.40, 0.00, 0.44, 0.18
HSL	114°, 51%, 64%
HSV	114°, 44%, 82%
XYZ	35.0099, 51.8896, 25.0001
YIQ	174.5810, -19.6150, -46.5190

Conversions

Conversions Part 2

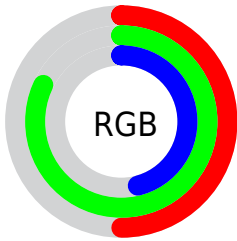
Format	Color
RYB	117, 210, 200
Decimal	8376949
CIELab	77.21, -43.37, 38.25
CIELCh	77, 57.827, 138.593
Yxy	51.8896, 0.3129, 0.4637
Android (android.graphics.Color)	4286567029 (0xFF7FD275)
YUV	174.5810, -28.3874, -41.7285
Hunter-Lab	72.0344, -39.3064, 29.8470

Details

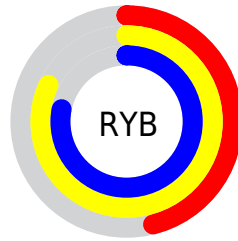
The YUV color **174.5810, -28.3874, -41.7285** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **152.4190, 28.3874, 41.7285**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7820, -26.5145, -35.7658**, and **120.0370, -26.6402, -42.1284** is the 20% darker color. If you saturate the color by 10%, you get **166.5060, -34.7595, -51.3098**, and if you desaturate by 10%, it is **182.6560, -22.0154, -32.1473**.

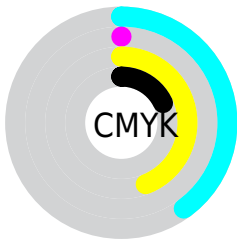
Distribution



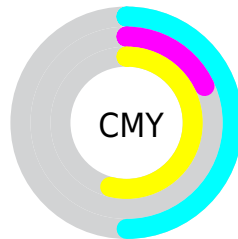
- Red (50%)
- Green (82%)
- Blue (46%)



- Red (46%)
- Yellow (82%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (44%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5810, -28.3874, -41.7285 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 174.5810, -28.3874, -41.7285 by changing the saturation by 10% instead.

■ 174.5810,
-28.3874, -41.7285

■ 174.5810,
-28.3874, -41.7285

255.0000, 0.0000,
0.0000

■ 146.8090,
-27.5138, -41.9285

■ 223.7820,
-26.5145, -35.7658

■ 120.0370,
-26.6402, -42.1284

■ 235.6450,
-18.5590, -20.7367

■ 92.4820, -24.8876,
-44.2727

■ 247.5080,
-10.6034, -5.7075

■ 62.2850, -22.8185,
-54.6239

■ 45.7860, -22.5725,
-40.1543

■ 31.6980, -15.6271,
-27.7991

■ 19.3710, -9.5499,

-16.9884

■ 0.0000, 0.0000,
0.0000

■ 174.5810,
-28.3874, -41.7285

■ 174.5810,
-28.3874, -41.7285

■ 166.5060,
-34.7595, -51.3098

■ 182.6560,
-22.0154, -32.1473

■ 158.7300,
-41.2789, -60.2762

■ 190.4320,
-15.4960, -23.1809

■ 150.6550,
-47.6509, -69.8574


■ 198.5070, -9.1240,
-13.5996


■ 142.5800,
-54.0229, -79.4387


■ 206.5820, -2.7519,
-4.0184

■ 134.5050,
-60.3950, -89.0199

■ 214.6570, 3.6201,
5.5628

 130.1470,
-64.1625, -93.9679

 222.4330, 10.1395,
14.5293

 228.5850, 13.0226,
23.1660

Harmonies

Analogous

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



182.3130, -48.4683, 5.8645



174.5810, -28.3874, -41.7285



145.9440, 10.8736, -127.9929

Triad

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



174.5810, -28.3874, -41.7285



147.6440, 52.9265, -129.4838



180.0730, -10.3890, 65.7110

Complementary

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



174.5810, -28.3874, -41.7285



152.4190, 28.3874, 41.7285

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.



186.9300, 13.3455, 59.6974



174.5810, -28.3874, -41.7285



185.5050, 34.2610, -22.3679

Square

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



174.5810, -28.3874, -41.7285



154.1010, 49.7432, -135.1466



195.3150, 29.4247, 35.6807



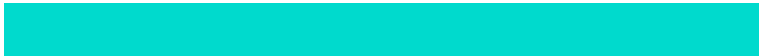
183.5200, -35.2594, 62.6880

Rectangle

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



174.5810, -28.3874, -41.7285



151.3360, 26.4564, -132.7217



195.3150, 29.4247, 35.6807



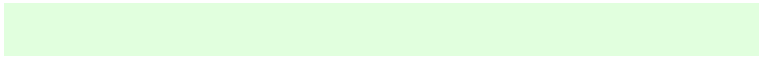
180.9510, -1.9478, 64.9410

Sweetspot

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



174.5810, -28.3874, -41.7285



242.2680, -9.9921, -15.1440



192.9410, -37.4389, 14.9607



119.9250, -6.3720, -9.5812



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.



174.5810, -28.3874, -41.7285



203.4310, -41.1315, -60.8910



175.6950, -11.1886, -51.4755



100.7560, -3.3307, -5.0480



103.9980, -51.2710, -75.4202



25.2630, -12.4547, -18.6477

Inverse Universe

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



152.4190, 28.3874, 41.7285



171.2700, 41.2789, 60.2762



151.3050, 11.1886, 51.4755



97.9450, 3.4781, 4.4332



64.0020, 51.2710, 75.4202



15.4380, 12.6021, 18.0329

Previews

White Background



This preview shows how the YUV color 174.5810, -28.3874, -41.7285 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 174.5810, -28.3874, -41.7285 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 174.5810, -28.3874, -41.7285 Background



This preview shows how black text looks on a background with the YUV color 174.5810, -28.3874, -41.7285.



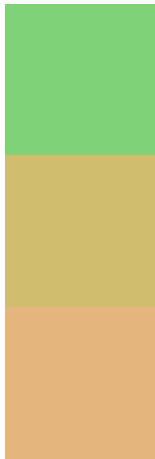
This preview shows how white text looks on a background with the YUV color 174.5810, -28.3874, -41.7285.

-41.7285.

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

174.5810, -28.3874, -41.7285

Protanopia

186.2620, -37.5972, 19.0642

Deuteranopia

188.5550, -31.8256, 34.5933



Tritanopia

184.6780, 14.9487, -34.7976

Trichromacy



Original Color

174.5810, -28.3874, -41.7285



Protanomaly

182.0420, -34.0377, -2.6678



Deuteranomaly

183.6070, -30.8653, 6.4837



Tritanomaly

180.8290, -0.9017, -37.5610

Monochromacy



Original Color

174.5810, -28.3874, -41.7285



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1540, -10.4289, -15.0441

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5810, -28.3874, -41.7285 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(127, 210, 117)` looks like.

```
.text, #text, p{  
    color:rgb(127, 210, 117)  
}
```

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(127, 210, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 210, 117) }
```

Border

The CSS property to change the border of an element to YUV 174.5810, -28.3874, -41.7285 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(127, 210, 117) }
```


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

```
.border{ border-color:rgb(127, 210, 117) }
```

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

Here you see how a box with a 4 pixel rgb(127, 210, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 210, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 210, 117);  
box-shadow:4px 4px 4px 4px rgb(127, 210,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 174.5810, -28.3874, -41.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 210, 117) }
```

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

```
.background{ background-color: rgb(127,  
210, 117) }
```

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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