

Converting Colors

YUV(175.5470, -23.4407,
-41.6987)

Have a look what the booklet for
YUV(175.5470, -23.4407, -41.6987)
contains.

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Color

**YUV(175.5470, -23.4407,
-41.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	80D180
RGB	128, 209, 128
RGB Percent	50%, 82%, 50%
CMY	0.4980, 0.1804, 0.4980
CMYK	0.39, 0.00, 0.39, 0.18
HSL	120°, 47%, 66%
HSV	120°, 39%, 82%
XYZ	35.5988, 51.7486, 28.5343
YIQ	175.5470, -22.2750, -42.3630

Conversions

Conversions Part 2

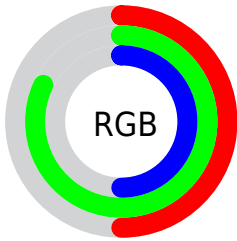
Format	Color
RYB	128, 209, 209
Decimal	8442240
CIELab	77.13, -41.01, 32.58
CIELCh	77, 52.377, 141.532
Yxy	51.7486, 0.3072, 0.4466
Android (android.graphics.Color)	4286632320 (0xFF80D180)
YUV	175.5470, -23.4407, -41.6987
Hunter-Lab	71.9365, -37.5556, 26.8376

Details

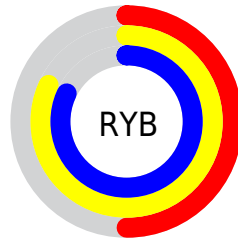
The YUV color **175.5470, -23.4407, -41.6987** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **161.4530, 23.4407, 41.6987**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4490, -21.4204, -36.3508**, and **121.1170, -21.2567, -42.1986** is the 20% darker color. If you saturate the color by 10%, you get **166.8740, -29.5179, -52.5095**, and if you desaturate by 10%, it is **184.2200, -17.3635, -30.8879**.

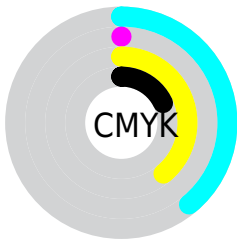
Distribution



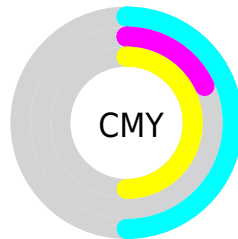
- Red (50%)
- Green (82%)
- Blue (50%)



- Red (50%)
- Yellow (82%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (39%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 175.5470, -23.4407, -41.6987 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 175.5470, -23.4407, -41.6987 by changing the saturation by 10% instead.

■ 175.5470,
-23.4407, -41.6987

■ 175.5470,
-23.4407, -41.6987

255.0000, 0.0000,
0.0000

■ 148.0740,
-22.7145, -41.2839

■ 225.4490,
-21.4204, -36.3508

■ 121.1170,
-21.2567, -42.1986

■ 236.8990,
-13.7542, -21.8364

■ 94.0460, -20.2357,
-43.0133

■ 249.1750, -5.5093,
-6.2925

■ 65.3870, -17.4458,
-51.2054

■ 45.6550, -20.5359,
-40.0394

■ 31.1110, -15.3377,
-27.2843

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 175.5470,
-23.4407, -41.6987

■ 175.5470,
-23.4407, -41.6987

■ 166.8740,
-29.5179, -52.5095

■ 184.2200,
-17.3635, -30.8879

■ 158.2010,
-35.5951, -63.3203

■ 192.8930,
-11.2862, -20.0772

■ 149.5280,
-41.6723, -74.1311

■ 201.5660, -5.2090,
-9.2664

■ 140.8550,
-47.7495, -84.9418

■ 210.2390, 0.8682,
1.5444

■ 132.5950,
-53.5373, -95.2378

■ 218.9120, 6.9454,
12.3552

■ 123.9220,
-59.6145, -106.0486

■ 227.1720, 12.7332,
22.6512

■ 122.6830,
-60.4827, -107.5930

■ 227.9980, 13.3120,
23.6808

Harmonies

Analogous

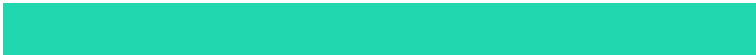
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.5990, -42.2003, 2.1057



175.5470, -23.4407, -41.6987



156.0220, 9.3562, -107.8903

Triad

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



175.5470, -23.4407, -41.6987



166.8020, 43.4816, -86.6494



183.3670, -12.9989, 62.8221

Complementary

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



175.5470, -23.4407, -41.6987



161.4530, 23.4407, 41.6987

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.



188.3660, 8.6936, 58.4380



175.5470, -23.4407, -41.6987



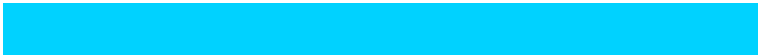
188.2180, 32.9235, -13.3462

Square

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



175.5470, -23.4407, -41.6987



152.3400, 50.6114, -133.6022



195.7450, 27.2407, 36.1806



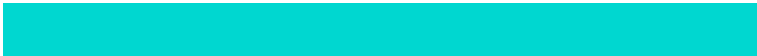
186.3240, -34.6697, 60.2289

Rectangle

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



175.5470, -23.4407, -41.6987



149.9170, 28.6349, -131.4772



195.7450, 27.2407, 36.1806



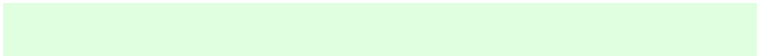
184.0170, -5.4314, 62.2521

Sweetspot

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



175.5470, -23.4407, -41.6987



242.1970, -8.9711, -15.9588



199.7660, -35.3806, 8.0982



120.5660, -5.2090, -9.2664



0.0000, 0.0000, 0.0000



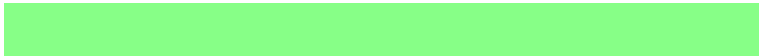
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



175.5470, -23.4407, -41.6987



205.4400, -34.7269, -61.7759



180.2210, -5.5320, -45.7978



100.4570, -3.1833, -5.6628



98.6160, -48.6177, -86.4862



24.0670, -11.8650, -21.1068

Inverse Universe

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



161.4530, 23.4407, 41.6987



184.5600, 34.7269, 61.7759



156.8930, 5.9688, 45.6978



98.5430, 3.1833, 5.6628



69.3840, 48.6177, 86.4862



16.9330, 11.8650, 21.1068

Previews

White Background



This preview shows how the YUV color 175.5470, -23.4407, -41.6987 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 175.5470, -23.4407, -41.6987 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 175.5470, -23.4407, -41.6987 Background



This preview shows how black text looks on a background with the YUV color 175.5470, -23.4407, -41.6987.



This preview shows how white text looks on a background with the YUV color 175.5470, -23.4407, -41.6987.

-41.6987.

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

175.5470, -23.4407, -41.6987

Protanopia

186.2170, -32.6450, 17.3497

Deuteranopia

188.7980, -27.0154, 31.7492



Tritanopia

184.6780, 14.9487, -34.7976

Trichromacy



Original Color

175.5470, -23.4407, -41.6987



Protanomaly

182.2960, -29.2329, -3.7676



Deuteranomaly

183.9750, -25.6237, 5.2839



Tritanomaly

181.5840, 0.6981, -37.3462

Monochromacy



Original Color

175.5470, -23.4407, -41.6987



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.0230, -8.3923, -14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.5470, -23.4407, -41.6987 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(128, 209, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 209, 128)  
}
```

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(128, 209, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 209, 128) }
```

Border

The CSS property to change the border of an element to YUV 175.5470, -23.4407, -41.6987 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(128, 209, 128) }
```


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

```
.border{ border-color:rgb(128, 209, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 209, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 209, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 209, 128); box-shadow:4px 4px 4px 4px rgb(128, 209, 128) }
```

Background

The CSS property to change the background color of an element to YUV 175.5470, -23.4407, -41.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 209, 128) }
```

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

```
.background{ background-color: rgb(128,  
209, 128) }
```

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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