

Converting Colors

YUV(177.6550, -40.7489,
-43.5474)

Have a look what the booklet for
YUV(177.6550, -40.7489, -43.5474)
contains.

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Color

**YUV(177.6550, -40.7489,
-43.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	80DB5F
RGB	128, 219, 95
RGB Percent	50%, 86%, 37%
CMY	0.4980, 0.1412, 0.6275
CMYK	0.42, 0.00, 0.57, 0.14
HSL	104°, 63%, 62%
HSV	104°, 57%, 86%
XYZ	36.2992, 56.0785, 19.7375
YIQ	177.6550, -14.4320, -57.8560

Conversions

Conversions Part 2

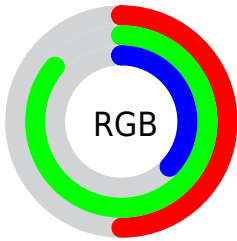
Format	Color
RYB	95, 219, 186
Decimal	8444767
CIELab	79.66, -49.56, 51.74
CIElCh	80, 71.644, 133.767
Yxy	56.0785, 0.3238, 0.5002
Android (android.graphics.Color)	4286634847 (0xFF80DB5F)
YUV	177.6550, -40.7489, -43.5474
Hunter-Lab	74.8855, -44.5257, 36.7929

Details

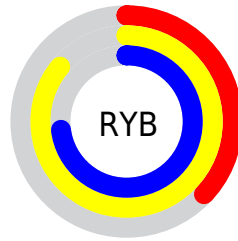
The YUV color **177.6550, -40.7489, -43.5474** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **136.3450, 40.7489, 43.5474**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9860, -35.9821, -32.4367**, and **121.2850, -39.5805, -44.9769** is the 20% darker color. If you saturate the color by 10%, you get **170.3630, -48.0000, -51.1844**, and if you desaturate by 10%, it is **184.9470, -33.4979, -35.9105**.

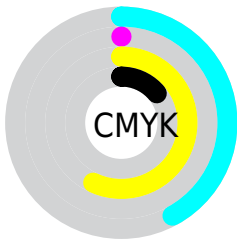
Distribution



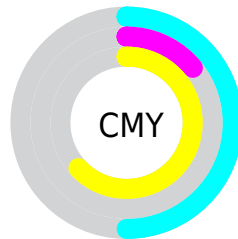
- Red (50%)
- Green (86%)
- Blue (37%)



- Red (37%)
- Yellow (86%)
- Blue (73%)



- Cyan (42%)
- Magenta (0%)
- Yellow (57%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6550, -40.7489, -43.5474 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 177.6550, -40.7489, -43.5474 by changing the saturation by 10% instead.

■ 177.6550,
-40.7489, -43.5474

■ 177.6550,
-40.7489, -43.5474

255.0000, 0.0000,
0.0000

■ 149.5840,
-39.7279, -44.3622

■ 221.9860,
-35.9821, -32.4367

■ 121.2850,
-39.5805, -44.9769

■ 234.0340,
-28.6108, -16.6928

■ 91.8780, -42.3379,
-47.2510

■ 246.0110,
-20.2184, -1.7636

■ 64.5700, -31.8330,
-56.6279

■ 252.4920, -9.6096,
2.1995

■ 49.8950, -24.5982,
-43.7579

■ 35.8070, -17.6529,
-31.4027

■ 22.8930, -11.2862,

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 177.6550,
-40.7489, -43.5474

■ 177.6550,
-40.7489, -43.5474

■ 170.3630,
-48.0000, -51.1844

■ 184.9470,
-33.4979, -35.9105

■ 163.0710,
-55.2510, -58.8213

■ 192.2390,
-26.2468, -28.2736

■ 155.7790,
-62.5020, -66.4582

■ 199.5310,
-18.9958, -20.6367

■ 148.4870,
-69.7531, -74.0951

■ 206.8230,
-11.7447, -12.9998

■ 145.8950,
-71.9262, -77.0839

■ 214.0010, -4.9305,
-5.2629

■ 221.2930, 2.3206,
2.3740

■ 228.8840, 9.4242,
10.6257

■ 233.8680, 10.4181,
18.5328

Harmonies

Analogous

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



186.9000, -65.5197, 14.9967



177.6550, -40.7489, -43.5474



151.2610, 3.3223, -132.6559

Triad

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



177.6550, -40.7489, -43.5474



155.2750, 49.1644, -136.1762



175.3430, -3.1271, 69.8592

Complementary

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



177.6550, -40.7489, -43.5474



136.3450, 40.7489, 43.5474

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.



186.0300, 25.1282, 60.4867



177.6550, -40.7489, -43.5474



180.9210, 36.5209, -47.2887

Square

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



177.6550, -40.7489, -43.5474



161.7320, 45.9811, -141.8390



198.5710, 27.8195, 37.2102



178.9550, -34.9808, 66.6915

Rectangle

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



177.6550, -40.7489, -43.5474



158.2660, 22.5469, -138.7993



198.5710, 27.8195, 37.2102



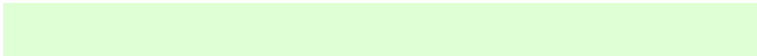
177.3780, 7.2086, 68.0745

Sweetspot

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



177.6550, -40.7489, -43.5474



240.5300, -14.0653, -15.3738



185.4930, -44.6130, 29.3856



119.3550, -8.5560, -9.0813



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.



177.6550, -40.7489, -43.5474



197.3050, -56.8454, -60.7805



171.0940, -23.2173, -66.7344



106.3540, -3.6255, -3.8185



115.3050, -56.8454, -60.7805



30.5900, -15.0809, -16.3034

Inverse Universe

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



136.3450, 40.7489, 43.5474



139.6950, 56.8454, 60.7805



142.9060, 23.2173, 66.7344



102.6460, 3.6255, 3.8185



57.6950, 56.8454, 60.7805



15.4100, 15.0809, 16.3034

Previews

White Background



This preview shows how the YUV color 177.6550, -40.7489, -43.5474 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 177.6550, -40.7489, -43.5474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

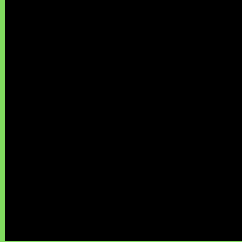
Any Text WCAG AA ✓ Pass

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 177.6550, -40.7489, -43.5474 Background



This preview shows how black text looks on a background with the YUV color 177.6550, -40.7489, -43.5474.



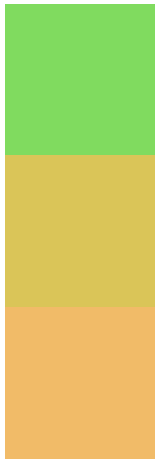
This preview shows how white text looks on a background with the YUV color 177.6550, -40.7489, -43.5474.

-43.5474.

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

177.6550, -40.7489, -43.5474

Protanopia

190.8530, -50.7065, 23.8079

Deuteranopia

193.6840, -44.2142, 41.4961



Tritanopia

191.0800, 15.2436, -36.0272

Trichromacy



Original Color

177.6550, -40.7489, -43.5474



Protanomaly

186.0240, -46.8468, -0.8980



Deuteranomaly

188.1270, -42.9536, 10.4126



Tritanomaly

186.3790, -5.1168, -38.9204

Monochromacy



Original Color

177.6550, -40.7489, -43.5474



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.0030, -14.7915, -15.7886

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6550, -40.7489, -43.5474 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, 219, 95)` looks like.

```
.text, #text, p{  
    color:rgb(128, 219, 95)  
}
```

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, 219, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 219, 95) }
```

Border

The CSS property to change the border of an element to YUV 177.6550, -40.7489, -43.5474 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, 219, 95) }
```


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

```
.border{ border-color:rgb(128, 219, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 219, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 219, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 219, 95);  
box-shadow:4px 4px 4px 4px rgb(128, 219,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 177.6550, -40.7489, -43.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 219, 95) }
```

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

```
.background{ background-color: rgb(128,  
219, 95) }
```

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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