

Converting Colors

YUV(177.9980, -40.9180,
-35.9552)

Have a look what the booklet for
YUV(177.9980, -40.9180, -35.9552)
contains.

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Color

**YUV(177.9980, -40.9180,
-35.9552)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 89D75F |
| RGB | 137, 215, 95 |
| RGB Percent | 54%, 84%, 37% |
| CMY | 0.4627, 0.1569, 0.6275 |
| CMYK | 0.36, 0.00, 0.56, 0.16 |
| HSL | 99°, 60%, 61% |
| HSV | 99°, 56%, 84% |
| XYZ | 36.6825, 54.7455, 19.4600 |
| YIQ | 177.9980, -7.9680, -53.8560 |

Conversions

Conversions Part 2

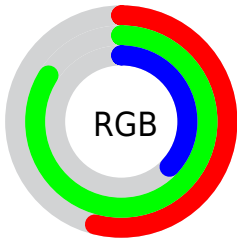
| Format | Color |
|-------------------------------------|--|
| RYB | 95, 215, 173 |
| Decimal | 9033567 |
| CIELab | 78.89, -44.99, 50.95 |
| CIELCh | 79, 67.975, 131.444 |
| Yxy | 54.7455, 0.3308, 0.4937 |
| Android (android.graphics.Color) | 4287223647 (0xFF89D75F) |
| YUV | 177.9980, -40.9180, -35.9552 |
| Hunter-Lab | 73.9902, -40.9869, 36.1994 |

Details

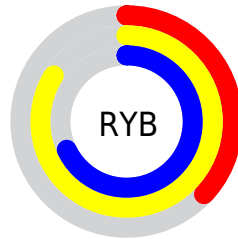
The YUV color **177.9980, -40.9180, -35.9552** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **132.0020, 40.9180, 35.9552**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6770, -37.3088, -26.9037**, and **122.9270, -39.8970, -36.7700** is the 20% darker color. If you saturate the color by 10%, you get **171.4180, -48.0271, -42.4626**, and if you desaturate by 10%, it is **184.6920, -33.3722, -29.5479**.

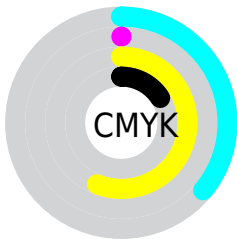
Distribution



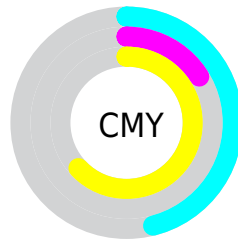
- Red (54%)
- Green (84%)
- Blue (37%)



- Red (37%)
- Yellow (84%)
- Blue (68%)



- Cyan (36%)
- Magenta (0%)
- Yellow (56%)
- Black (16%)



- Cyan (46%)
- Magenta (16%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.9980, -40.9180, -35.9552 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 177.9980, -40.9180, -35.9552 by changing the saturation by 10% instead.

■ 177.9980,
-40.9180, -35.9552

■ 177.9980,
-40.9180, -35.9552

255.0000, 0.0000,
0.0000

■ 150.2260,
-40.0444, -36.1552

■ 224.6770,
-37.3088, -26.9037

■ 122.9270,
-39.8970, -36.7700

■ 236.4260,
-29.7900, -11.7746

■ 94.5310, -42.6598,
-37.2997

■ 248.5880,
-21.9819, 3.8693

■ 67.2940, -33.1759,
-45.8618

■ 252.4920, -9.6096,
2.1995

■ 48.1340, -23.7301,
-42.2135

■ 34.0460, -16.7847,
-29.8583

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 177.9980,
-40.9180, -35.9552

■ 177.9980,
-40.9180, -35.9552

■ 171.4180,
-48.0271, -42.4626

■ 184.6920,
-33.3722, -29.5479

■ 164.7240,
-55.5729, -48.8699

■ 191.2720,
-26.2631, -23.0405

■ 158.0300,
-63.1188, -55.2773

■ 197.9660,
-18.7172, -16.6332

■ 151.4500,
-70.2279, -61.7847

■ 204.5460,
-11.6082, -10.1258

■ 148.6300,
-73.2746, -64.5735

■ 211.2400, -4.0623,
-3.7185

■ 217.8200, 3.0467,
2.7889

■ 224.5140, 10.5926,
9.1962

■ 229.7260, 12.4601,
16.9033

■ 231.5200, 11.5756,
20.5920

Harmonies

Analogous

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



186.1330, -62.1836, 18.3004



177.9980, -40.9180, -35.9552



148.3430, 2.2959, -130.0968

Triad

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



177.9980, -40.9180, -35.9552



154.1010, 49.7432, -135.1466



177.0870, -1.5219, 68.3297

Complementary

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



177.9980, -40.9180, -35.9552



132.0020, 40.9180, 35.9552

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.



187.7910, 24.2600, 58.9423



177.9980, -40.9180, -35.9552



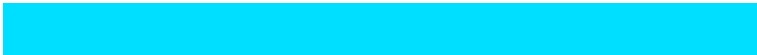
178.8280, 37.5528, -51.5922

Square

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



177.9980, -40.9180, -35.9552



159.9710, 46.8493, -140.2946



196.4560, 28.8622, 29.4181



179.0520, -32.0706, 66.6064

Rectangle

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



177.9980, -40.9180, -35.9552



155.1200, 20.6468, -136.0402



196.4560, 28.8622, 29.4181



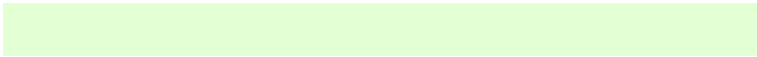
178.8940, 7.9403, 66.7450

Sweetspot

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



177.9980, -40.9180, -35.9552



241.7260, -14.6549, -12.9147



176.6660, -40.2613, 33.6189



119.9530, -8.8508, -7.8518



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.



177.9980, -40.9180, -35.9552



202.3170, -58.3303, -51.1440



167.4920, -26.8646, -63.5755



103.6530, -3.7729, -3.2037



118.3170, -58.3303, -51.1440



29.7260, -14.6549, -12.9147

Inverse Universe

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



132.0020, 40.9180, 35.9552



136.6830, 58.3303, 51.1440



142.5080, 26.8646, 63.5755



99.3470, 3.7729, 3.2037



52.6830, 58.3303, 51.1440



13.2740, 14.6549, 12.9147

Previews

White Background



This preview shows how the YUV color 177.9980, -40.9180, -35.9552 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 177.9980, -40.9180, -35.9552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

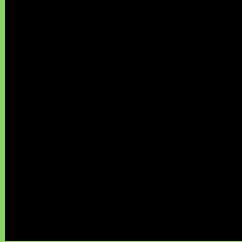
Any Text WCAG AA ✓ Pass

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 177.9980, -40.9180, -35.9552 Background



This preview shows how black text looks on a background with the YUV color 177.9980, -40.9180, -35.9552.



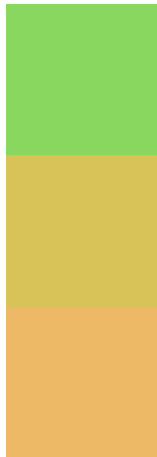
This preview shows how white text looks on a background with the YUV color 177.9980, -40.9180, -35.9552.

-35.9552.

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

177.9980, -40.9180, -35.9552

Protanopia

189.1950, -49.3961, 23.5080

Deuteranopia

191.4990, -43.6300, 40.7814



Tritanopia

190.3690, 13.6221, -29.2646

Trichromacy



Original Color

177.9980, -40.9180, -35.9552

Protanomaly

184.8610, -46.2735, 1.8759

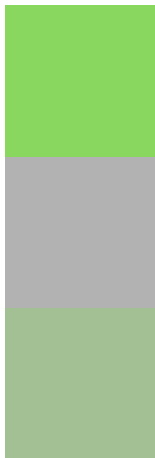
Deuteranomaly

186.5510, -42.6696, 12.6718

Tritanomaly

186.0810, -6.4489, -31.6430

Monochromacy



Original Color

177.9980, -40.9180, -35.9552

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.7260, -14.6549, -12.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.9980, -40.9180, -35.9552 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(137, 215, 95)` looks like.

```
.text, #text, p{  
    color:rgb(137, 215, 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(137, 215, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 215, 95) }
```

Border

The CSS property to change the border of an element to YUV 177.9980, -40.9180, -35.9552 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(137, 215, 95) }
```


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

```
.border{ border-color:rgb(137, 215, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 215, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 215, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 215, 95);  
box-shadow:4px 4px 4px 4px rgb(137, 215,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 177.9980, -40.9180, -35.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 215, 95) }
```

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

```
.background{ background-color: rgb(137,  
215, 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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