

Converting Colors

YUV(185.6030, -28.3983,
-38.2398)

Have a look what the booklet for
YUV(185.6030, -28.3983, -38.2398)
contains.

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Color

**YUV(185.6030, -28.3983,
-38.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	8EDB80
RGB	142, 219, 128
RGB Percent	56%, 86%, 50%
CMY	0.4431, 0.1412, 0.4980
CMYK	0.35, 0.00, 0.42, 0.14
HSL	111°, 56%, 68%
HSV	111°, 42%, 86%
XYZ	40.3831, 57.9723, 29.4834
YIQ	185.6030, -16.6810, -44.6250

Conversions

Conversions Part 2

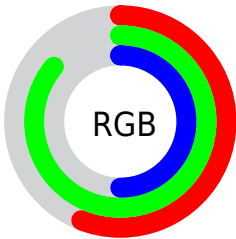
Format	Color
RYB	128, 219, 205
Decimal	9362304
CIELab	80.72, -41.02, 37.37
CIElCh	81, 55.496, 137.666
Yxy	57.9723, 0.3159, 0.4535
Android (android.graphics.Color)	4287552384 (0xFF8EDB80)
YUV	185.6030, -28.3983, -38.2398
Hunter-Lab	76.1396, -38.5709, 30.3389

Details

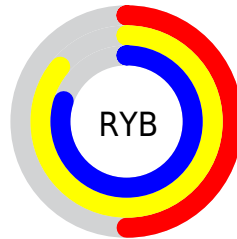
The YUV color **185.6030, -28.3983, -38.2398** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **161.3970, 28.3983, 38.2398**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.6350, -23.4841, -27.7439**, and **130.4720, -26.3617, -38.1249** is the 20% darker color. If you saturate the color by 10%, you get **177.4140, -35.2071, -47.7211**, and if you desaturate by 10%, it is **193.7920, -21.5895, -28.7586**.

Distribution



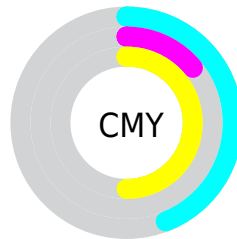
- Red (56%)
- Green (86%)
- Blue (50%)



- Red (50%)
- Yellow (86%)
- Blue (80%)



- Cyan (35%)
- Magenta (0%)
- Yellow (42%)
- Black (14%)



- Cyan (44%)
- Magenta (14%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.6030, -28.3983, -38.2398 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 185.6030, -28.3983, -38.2398 by changing the saturation by 10% instead.

■ 185.6030,
-28.3983, -38.2398

■ 185.6030,
-28.3983, -38.2398

255.0000, 0.0000,
0.0000

■ 158.1300,
-27.6721, -37.8250

■ 229.6350,
-23.4841, -27.7439

■ 130.4720,
-26.3617, -38.1249

■ 241.4980,
-15.5285, -12.7147

■ 104.2870,
-25.7775, -38.8397

■ 253.0620, -7.4256,
1.6996

■ 77.3190, -24.3143,
-41.4988

■ 50.4820, -24.8876,
-44.2727

■ 36.3940, -17.9422,
-31.9175

■ 24.0670, -11.8650,

-21.1068

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 185.6030,
-28.3983, -38.2398

■ 185.6030,
-28.3983, -38.2398

■ 177.4140,
-35.2071, -47.7211

■ 193.7920,
-21.5895, -28.7586

■ 169.5240,
-42.1633, -56.5875

■ 201.6820,
-14.6332, -19.8921

■ 161.3350,
-48.9722, -66.0688

■ 209.8710, -7.8244,
-10.4109

■ 153.4450,
-55.9284, -74.9353

■ 217.7610, -0.8682,
-1.5444

■ 145.2560,
-62.7372, -84.4165

■ 225.8360, 5.5039,
8.0368

■ 138.7190,
-68.3885, -91.8386

■ 233.2700, 10.7129,
17.3032

■ 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.



192.7800, -46.7265, 7.2089



185.6030, -28.3983, -38.2398



167.6760, 4.1037, -103.2019

Triad

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



185.6030, -28.3983, -38.2398



163.0820, 45.3156, -114.9589



188.5990, -8.1833, 58.2337

Complementary

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



185.6030, -28.3983, -38.2398



161.3970, 28.3983, 38.2398

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.



195.7010, 13.9514, 52.0052



185.6030, -28.3983, -38.2398



194.3650, 29.8931, -21.3681

Square

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



185.6030, -28.3983, -38.2398



159.9710, 46.8493, -140.2946



204.4520, 24.9202, 33.8066



190.9860, -32.0381, 56.1403

Rectangle

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



185.6030, -28.3983, -38.2398



157.4170, 26.9094, -138.0547



204.4520, 24.9202, 33.8066



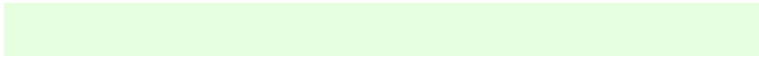
189.9500, -0.4683, 57.0489

Sweetspot

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



185.6030, -28.3983, -38.2398



243.6920, -9.7082, -12.8849



199.8210, -35.4078, 16.8200



121.1640, -5.5039, -8.0368



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.



185.6030, -28.3983, -38.2398



208.2300, -39.5534, -53.6987



184.8370, -13.2306, -49.8460



105.7560, -3.3307, -5.0480



109.6240, -54.0446, -72.4612



29.0950, -14.3438, -19.3773

Inverse Universe

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



161.3970, 28.3983, 38.2398



174.4710, 39.7008, 53.0839



162.1630, 13.2306, 49.8460



102.9450, 3.4781, 4.4332



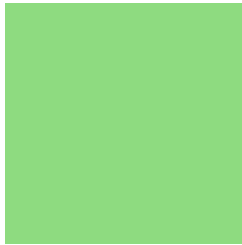
63.6750, 53.8972, 73.0760



16.9050, 14.3438, 19.3773

Previews

White Background



This preview shows how the YUV color 185.6030, -28.3983, -38.2398 looks on a white background.

Color Contrast Check

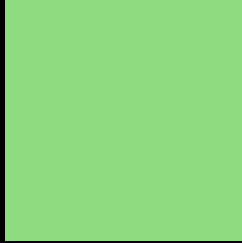
Large Text (above 18pt) WCAG AA × Fail

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 185.6030, -28.3983, -38.2398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

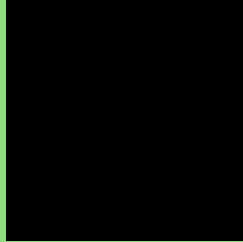
Any Text WCAG AA ✓ Pass

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 185.6030, -28.3983, -38.2398 Background



This preview shows how black text looks on a background with the YUV color 185.6030, -28.3983, -38.2398.



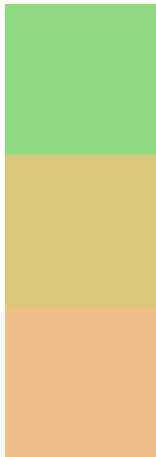
This preview shows how white text looks on a background with the YUV color 185.6030, -28.3983, -38.2398.

-38.2398.

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

185.6030, -28.3983, -38.2398

Protanopia

195.7890, -36.8710, 19.4790

Deuteranopia

198.9680, -31.5362, 35.1081



Tritanopia

195.1730, 14.2117, -31.7237

Trichromacy



Original Color

185.6030, -28.3983, -38.2398



Protanomaly

191.8680, -33.4589, -1.6382



Deuteranomaly

194.0310, -30.5813, 8.7428



Tritanomaly

191.7370, -1.3493, -33.9723

Monochromacy



Original Color

185.6030, -28.3983, -38.2398



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

185.8660, -10.2869, -13.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.6030, -28.3983, -38.2398 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(142, 219, 128)` looks like.

```
.text, #text, p{  
    color:rgb(142, 219, 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(142, 219, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 219, 128) }
```

Border

The CSS property to change the border of an element to YUV 185.6030, -28.3983, -38.2398 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(142, 219, 128) }
```


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

```
.border{ border-color:rgb(142, 219, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 219, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 219, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 219, 128);  
box-shadow:4px 4px 4px 4px rgb(142, 219,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 185.6030, -28.3983, -38.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 219, 128) }
```

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

```
.background{ background-color: rgb(142,  
219, 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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