

Converting Colors

YUV(185.5010, -30.3200,
-28.5034)

Have a look what the booklet for
YUV(185.5010, -30.3200, -28.5034)
contains.

YUV(185.5010, -30.3200, -28.5034)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(185.5010, -30.3200,
-28.5034)**

Conversions

Conversions Part 1

Format	Color
Hex	99D67C
RGB	153, 214, 124
RGB Percent	60%, 84%, 49%
CMY	0.4000, 0.1608, 0.5137
CMYK	0.29, 0.00, 0.42, 0.16
HSL	101°, 52%, 66%
HSV	101°, 42%, 84%
XYZ	40.8215, 56.3207, 27.7882
YIQ	185.5010, -7.4660, -40.9220

Conversions

Conversions Part 2

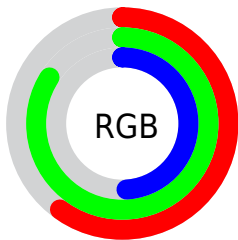
Format	Color
RYB	124, 214, 185
Decimal	10081916
CIELab	79.80, -35.67, 38.30
CIELCh	80, 52.342, 132.962
Yxy	56.3207, 0.3268, 0.4508
Android (android.graphics.Color)	4288271996 (0xFF99D67C)
YUV	185.5010, -30.3200, -28.5034
Hunter-Lab	75.0471, -34.2382, 30.5792

Details

The YUV color **185.5010, -30.3200, -28.5034** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **152.4990, 30.3200, 28.5034**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.4680, -26.8527, -20.5814**, and **131.2560, -28.7202, -28.2885** is the 20% darker color. If you saturate the color by 10%, you get **178.6220, -37.2816, -35.6255**, and if you desaturate by 10%, it is **192.3800, -23.3583, -21.3813**.

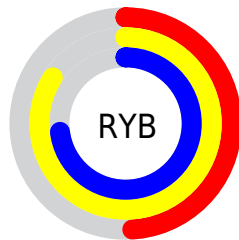
Distribution



Red (60%)

Green (84%)

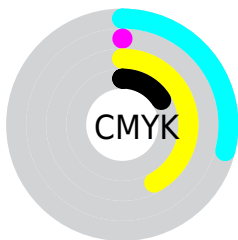
Blue (49%)



Red (49%)

Yellow (84%)

Blue (73%)

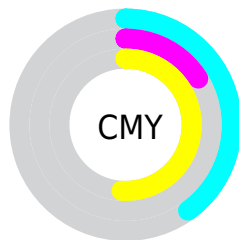


Cyan (29%)

Magenta (0%)

Yellow (42%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.5010, -30.3200, -28.5034 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 185.5010, -30.3200, -28.5034 by changing the saturation by 10% instead.

■ 185.5010,
-30.3200, -28.5034

■ 185.5010,
-30.3200, -28.5034

255.0000, 0.0000,
0.0000

■ 158.0280,
-29.5938, -28.0886

■ 232.4680,
-26.8527, -20.5814

■ 131.2560,
-28.7202, -28.2885

■ 244.3310,
-18.8972, -5.5523

■ 104.8970,
-27.5572, -27.9737

■ 252.6060, -9.1728,
2.0995

■ 79.2990, -27.2624,
-29.2032

■ 52.9180, -26.0886,
-32.3771

■ 34.0460, -16.7847,
-29.8583

■ 22.3060, -10.9969,

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 185.5010,
-30.3200, -28.5034

■ 185.5010,
-30.3200, -28.5034

■ 178.6220,
-37.2816, -35.6255

■ 192.3800,
-23.3583, -21.3813

■ 171.9280,
-44.8275, -42.0329

■ 199.0740,
-15.8125, -14.9739

■ 165.0490,
-51.7892, -49.1550

■ 205.9530, -8.8508,
-7.8518

■ 158.3550,
-59.3350, -55.5623

■ 212.6470, -1.3050,
-1.4444

■ 151.4760,
-66.2967, -62.6845

■ 219.5260, 5.6567,
5.6777

■ 146.2490,
-72.1008, -67.7474

■ 226.1060, 12.7657,
12.1850

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



191.8670, -45.2904, 13.2716



185.5010, -30.3200, -28.5034



173.3970, -2.6607, -80.1552

Triad

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



185.5010, -30.3200, -28.5034



158.6080, 47.5213, -122.4362



189.2830, -5.5625, 57.6338

Complementary

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



185.5010, -30.3200, -28.5034



152.4990, 30.3200, 28.5034

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.



196.7440, 15.4092, 51.0905



185.5010, -30.3200, -28.5034



191.0650, 31.5200, -29.8750

Square

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



185.5010, -30.3200, -28.5034



158.2100, 47.7175, -138.7502



201.4400, 26.4051, 24.1701



190.0230, -28.1123, 56.9848

Rectangle

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



185.5010, -30.3200, -28.5034



153.8150, 23.2622, -134.8958



201.4400, 26.4051, 24.1701



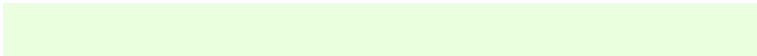
190.6340, 2.1524, 56.4490

Sweetspot

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



185.5010, -30.3200, -28.5034



244.6600, -11.1714, -10.2258



186.1300, -30.6301, 24.4420



121.4200, -7.1091, -6.5073



0.0000, 0.0000, 0.0000



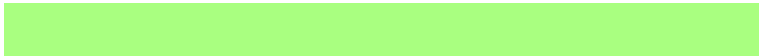
128.0000, 0.0000, 0.0000

Same Dimension

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



185.5010, -30.3200, -28.5034



214.8080, -42.7963, -40.1736



178.5400, -19.4932, -47.8316



103.6530, -3.7729, -3.2037



116.8220, -57.5932, -54.2179



29.4270, -14.5075, -13.5295

Inverse Universe

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



152.4990, 30.3200, 28.5034



168.1920, 42.7963, 40.1736



159.4600, 19.4932, 47.8316



99.6460, 3.6255, 3.8185



54.1780, 57.5932, 54.2179



13.5730, 14.5075, 13.5295

Previews

White Background



This preview shows how the YUV color 185.5010, -30.3200, -28.5034 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 185.5010, -30.3200, -28.5034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

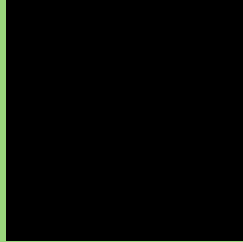
Any Text WCAG AA ✓ Pass

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 185.5010, -30.3200, -28.5034 Background



This preview shows how black text looks on a background with the YUV color 185.5010, -30.3200, -28.5034.



This preview shows how white text looks on a background with the YUV color 185.5010, -30.3200, -28.5034.

-28.5034.

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

185.5010, -30.3200, -28.5034

Protanopia

193.6750, -37.3078, 19.5790

Deuteranopia

196.0390, -32.5572, 35.9228



Tritanopia

194.3590, 12.1480, -23.1168

Trichromacy



Original Color

185.5010, -30.3200, -28.5034

Protanomaly

190.5480, -34.7802, 2.1504

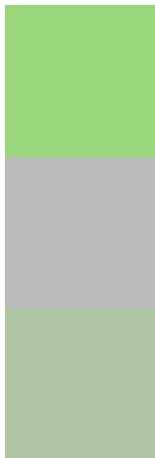
Deuteranomaly

191.8250, -31.4657, 12.4315

Tritanomaly

191.2220, -3.5604, -24.7507

Monochromacy



Original Color

185.5010, -30.3200, -28.5034

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.6600, -11.1714, -10.2258

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.5010, -30.3200, -28.5034 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(153, 214, 124)` looks like.

```
.text, #text, p{  
    color:rgb(153, 214, 124)  
}
```

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(153, 214, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 214, 124) }
```

Border

The CSS property to change the border of an element to YUV 185.5010, -30.3200, -28.5034 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(153, 214, 124) }
```


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

```
.border{ border-color:rgb(153, 214, 124) }
```

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

Here you see how a box with a 4 pixel rgb(153, 214, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 214, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 214, 124);  
box-shadow:4px 4px 4px 4px rgb(153, 214,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 185.5010, -30.3200, -28.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 214, 124) }
```

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

```
.background{ background-color: rgb(153,  
214, 124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor