

Converting Colors

YUV(185.9380, -29.5494,
4.4394)

Have a look what the booklet for
YUV(185.9380, -29.5494, 4.4394)
contains.

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Color

**YUV(185.9380, -29.5494,
4.4394)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC37E
RGB	191, 195, 126
RGB Percent	75%, 76%, 49%
CMY	0.2510, 0.2353, 0.5059
CMYK	0.02, 0.00, 0.35, 0.24
HSL	63°, 37%, 63%
HSV	63°, 35%, 76%
XYZ	44.7669, 51.6129, 27.3415
YIQ	185.9380, 19.7650, -22.3070

Conversions

Conversions Part 2

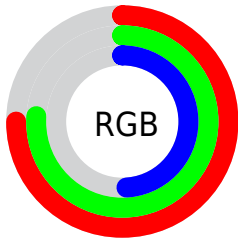
Format	Color
RYB	126, 195, 130
Decimal	12567422
CIELab	77.05, -12.05, 34.25
CIElCh	77, 36.308, 109.381
Yxy	51.6129, 0.3618, 0.4172
Android (android.graphics.Color)	4290757502 (0xFFBFC37E)
YUV	185.9380, -29.5494, 4.4394
Hunter-Lab	71.8421, -14.4954, 27.7251

Details

The YUV color $185.9380, -29.5494, 4.4394$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $135.0620, 29.5494, -4.4394$, and the grayscale version is $186.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $241.8950, -31.0072, 5.3541$, and $132.0950, -27.6548, 3.4247$ is the 20% darker color. If you saturate the color by 10%, you get $183.4730, -37.7012, 5.7242$, and if you desaturate by 10%, it is $188.5170, -20.9609, 3.0546$.

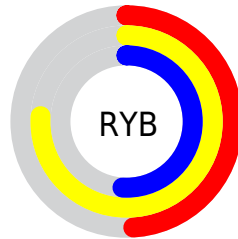
Distribution



Red (75%)

Green (76%)

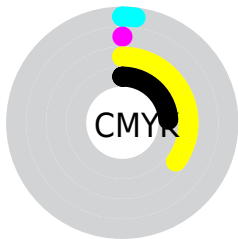
Blue (49%)



Red (49%)

Yellow (76%)

Blue (51%)

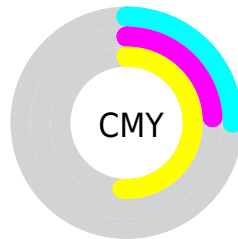


Cyan (2%)

Magenta (0%)

Yellow (35%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.9380, -29.5494, 4.4394 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 185.9380, -29.5494, 4.4394 by changing the saturation by 10% instead.

■ 185.9380,
-29.5494, 4.4394

■ 185.9380,
-29.5494, 4.4394

255.0000, 0.0000,
0.0000

■ 158.7530,
-28.9652, 3.7246

■ 241.8950,
-31.0072, 5.3541

■ 132.0950,
-27.6548, 3.4247

■ 249.5280,
-20.9663, 4.7989

■ 106.9100,
-27.0706, 2.7099

■ 252.8340, -8.2992,
1.8996

■ 82.0240, -26.6338,
2.6100

■ 58.1980, -27.2126,
1.5804

■ 38.3640, -18.9135,
-0.3192

■ 17.6540, -8.7034,

-8.4666

■ 0.0000, 0.0000,
0.0000

■ 185.9380,
-29.5494, 4.4394

■ 185.9380,
-29.5494, 4.4394

■ 183.4730,
-37.7012, 5.7242

■ 188.5170,
-20.9609, 3.0546

■ 180.8940,
-46.2897, 7.1090

■ 190.9820,
-12.8091, 1.7698

■ 178.4290,
-54.4415, 8.3938

■ 193.5610, -4.2206,
0.3850

■ 175.5510,
-62.8826, 9.1638

■ 196.3250, 3.7838,
-0.2850

■ 173.0860,
-71.0344, 10.4486

■ 198.9040, 12.3723,
-1.6698

■ 170.5070,
-79.6230, 11.8334

■ 201.3690, 20.5241,
-2.9546

■ 169.4810,
-83.5541, 12.7332

■ 203.0360, 25.6183,
-3.5396

■ 203.3350, 25.4708,
-2.9248

■ 203.6340, 25.3234,
-2.3100

Harmonies

Analogous

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



189.1200, -32.1042, 30.5898



185.9380, -29.5494, 4.4394



181.4380, -17.9639, -24.9401

Triad

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



185.9380, -29.5494, 4.4394



171.6150, 33.7138, -80.3464



194.8500, 4.5110, 46.6126

Complementary

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



185.9380, -29.5494, 4.4394



135.0620, 29.5494, -4.4394

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.



194.8930, 19.2798, 22.8958



185.9380, -29.5494, 4.4394



182.0840, 35.9476, -50.0627

Square

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



185.9380, -29.5494, 4.4394



169.1730, 20.6207, -80.8357



191.2460, 30.4447, -11.6167



193.0670, -11.3720, 54.3152

Rectangle

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



185.9380, -29.5494, 4.4394



177.9930, -6.4055, -45.5979



191.2460, 30.4447, -11.6167



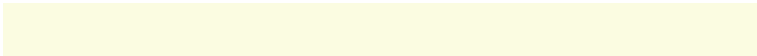
195.1850, 9.7688, 40.1798

Sweetspot

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



185.9380, -29.5494, 4.4394



248.6230, -11.6461, 2.0846



148.3920, -11.0393, 40.8752



125.7630, -7.2782, 1.0848



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.



185.9380, -29.5494, 4.4394



238.1220, -45.4161, 6.9090



175.7720, -24.5376, -16.4630



95.5610, -4.2206, 0.3850



139.6560, -68.8504, 9.9487



28.6400, -14.1195, 2.0697

Inverse Universe

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



135.0620, 29.5494, -4.4394



160.1770, 45.2687, -6.2942



145.2280, 24.5376, 16.4630



88.4390, 4.2206, -0.3850



21.0450, 68.9978, -10.5635



4.3600, 14.1195, -2.0697

Previews

White Background



This preview shows how the YUV color 185.9380, -29.5494, 4.4394 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 185.9380, -29.5494, 4.4394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

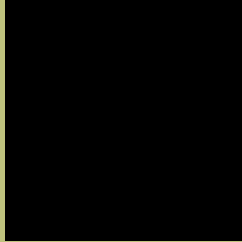
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 185.9380, -29.5494, 4.4394

Background



This preview shows how black text looks on a background with the YUV color 185.9380, -29.5494, 4.4394.



This preview shows how white text looks on a background with the YUV color 185.9380, -29.5494, 4.4394.

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

185.9380, -29.5494, 4.4394

Protanopia

187.5590, -31.3346, 17.0498

Deuteranopia

189.4130, -29.7836, 32.9638



Tritanopia

191.7820, 4.0515, 7.2072

Trichromacy



Original Color

185.9380, -29.5494, 4.4394

Protanomaly

187.0530, -30.5921, 12.2315

Deuteranomaly

188.3470, -29.7511, 22.4977

Tritanomaly

189.5680, -8.1680, 6.5179

Monochromacy



Original Color

185.9380, -29.5494, 4.4394

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.8510, -10.7725, 1.8847

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.9380, -29.5494, 4.4394 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(191, 195, 126)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 126)  
}
```

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(191, 195, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 126) }
```

Border

The CSS property to change the border of an element to YUV 185.9380, -29.5494, 4.4394 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(191, 195, 126) }
```


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

```
.border{ border-color:rgb(191, 195, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 195, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 195, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 195, 126);  
box-shadow:4px 4px 4px 4px rgb(191, 195,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 185.9380, -29.5494, 4.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 195, 126) }
```

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

```
.background{ background-color: rgb(191,  
195, 126) }
```

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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