

Converting Colors

YUV(192.8680, -33.4589,
-1.6382)

Have a look what the booklet for
YUV(192.8680, -33.4589, -1.6382)
contains.

YUV(192.8680, -33.4589, -1.6382)	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(192.8680, -33.4589,
-1.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	BFCF7D
RGB	191, 207, 125
RGB Percent	75%, 81%, 49%
CMY	0.2510, 0.1882, 0.5098
CMYK	0.08, 0.00, 0.40, 0.19
HSL	72°, 46%, 65%
HSV	72°, 40%, 81%
XYZ	47.5004, 57.1827, 27.9359
YIQ	192.8680, 16.7860, -28.8940

Conversions

Conversions Part 2

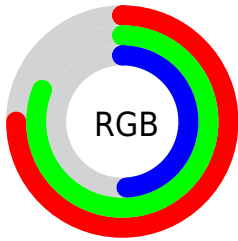
Format	Color
RYB	125, 207, 141
Decimal	12570493
CIELab	80.28, -18.22, 38.92
CIELCh	80, 42.973, 115.092
Yxy	57.1827, 0.3582, 0.4312
Android (android.graphics.Color)	4290760573 (0xFFBFCF7D)
YUV	192.8680, -33.4589, -1.6382
Hunter-Lab	75.6192, -20.2086, 31.0301

Details

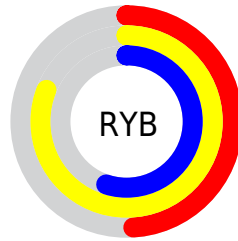
The YUV color **192.8680, -33.4589, -1.6382** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **139.1320, 33.4589, 1.6382**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.2430, -32.1648, 3.2949**, and **138.9110, -32.0011, -2.5529** is the 20% darker color. If you saturate the color by 10%, you get **189.2780, -42.0421, -1.9978**, and if you desaturate by 10%, it is **196.4580, -24.8758, -1.2787**.

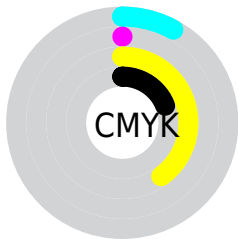
Distribution



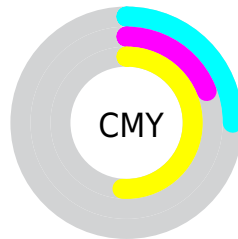
- Red (75%)
- Green (81%)
- Blue (49%)



- Red (49%)
- Yellow (81%)
- Blue (55%)



- Cyan (8%)
- Magenta (0%)
- Yellow (40%)
- Black (19%)



- Cyan (25%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.8680, -33.4589, -1.6382 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 192.8680, -33.4589, -1.6382 by changing the saturation by 10% instead.

■ 192.8680,
-33.4589, -1.6382

■ 192.8680,
-33.4589, -1.6382

255.0000, 0.0000,
0.0000

■ 165.0960,
-32.5853, -1.8382

■ 244.2430,
-32.1648, 3.2949

■ 138.9110,
-32.0011, -2.5529

■ 249.5280,
-20.9663, 4.7989

■ 113.1390,
-31.1275, -2.7529

■ 252.7200, -8.7360,
1.9996

■ 87.8400, -30.9801,
-3.3677

■ 63.7260, -31.4169,
-3.2677

■ 43.0490, -21.2232,
-6.1820

■ 22.6490, -11.1660,

-11.9702

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 192.8680,
-33.4589, -1.6382

■ 192.8680,
-33.4589, -1.6382

■ 189.2780,
-42.0421, -1.9978

■ 196.4580,
-24.8758, -1.2787

■ 185.8020,
-50.1884, -2.4574

■ 199.9340,
-16.7295, -0.8191

■ 182.2120,
-58.7715, -2.8169

■ 203.5240, -8.1463,
-0.4595

■ 178.6220,
-67.3546, -3.1765

■ 207.1140, 0.4368,
-0.1000

■ 175.0320,
-75.9378, -3.5361

■ 210.7040, 9.0199,
0.2596

■ 171.5560,
-84.0841, -3.9956

■ 214.1800, 17.1663,
0.7191

■ 171.4420,
-84.5209, -3.8956

■ 216.0600, 19.1974,
2.5784

■ 217.2560, 18.6078,
5.0375

■ 218.4520, 18.0182,
7.4966

Harmonies

Analogous

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



196.5130, -38.2139, 30.2451



192.8680, -33.4589, -1.6382



187.1760, -17.3418, -37.8654

Triad

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



192.8680, -33.4589, -1.6382



170.8230, 41.4993, -104.2078



198.4590, 4.2107, 49.5865

Complementary

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



192.8680, -33.4589, -1.6382



139.1320, 33.4589, 1.6382

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.



204.6000, 20.4102, 33.6768



192.8680, -33.4589, -1.6382



187.9760, 33.0428, -51.7220

Square

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



192.8680, -33.4589, -1.6382



161.8670, 34.5756, -123.5404



199.1930, 27.5129, -4.5543



195.0730, -13.8400, 52.5560

Rectangle

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



192.8680, -33.4589, -1.6382



181.3220, -2.1307, -63.4264



199.1930, 27.5129, -4.5543



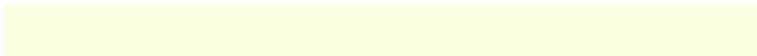
201.2290, 9.7471, 47.1572

Sweetspot

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



192.8680, -33.4589, -1.6382



249.6720, -12.6563, -0.5893



158.3230, -16.4282, 42.6897



124.7520, -7.2727, -0.6595



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.



192.8680, -33.4589, -1.6382



233.9160, -49.7516, -2.5573



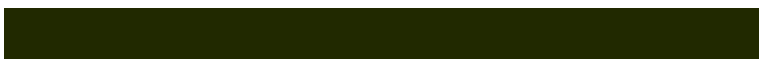
180.9080, -27.5626, -26.2293



103.1480, -4.5100, -0.1298



138.9810, -68.5176, -3.4913



33.9340, -16.7295, -0.8191

Inverse Universe

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



139.1320, 33.4589, 1.6382



153.7850, 49.8990, 1.9426



151.0920, 27.5626, 26.2293



95.8520, 4.5100, 0.1298



29.0190, 68.5176, 3.4913



7.0660, 16.7295, 0.8191

Previews

White Background



This preview shows how the YUV color 192.8680, -33.4589, -1.6382 looks on a white background.

Color Contrast Check

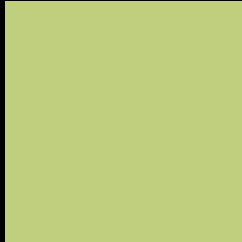
Large Text (above 18pt) WCAG AA × Fail

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 192.8680, -33.4589, -1.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

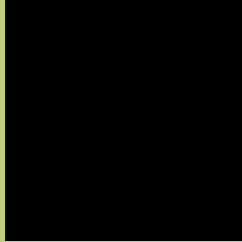
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 192.8680, -33.4589, -1.6382

Background



This preview shows how black text looks on a background with the YUV color 192.8680, -33.4589, -1.6382.



This preview shows how white text looks on a background with the YUV color 192.8680, -33.4589, -1.6382.

-1.6382.

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

192.8680, -33.4589, -1.6382

Protanopia

195.6040, -36.2868, 18.7643

Deuteranopia

197.6970, -33.8676, 36.2227



Tritanopia

200.2050, 5.8149, 1.5742

Trichromacy



Original Color

192.8680, -33.4589, -1.6382

Protanomaly

194.7880, -35.3915, 11.5869

Deuteranomaly

196.0220, -33.5348, 22.7827

Tritanomaly

197.7090, -8.7305, 0.2552

Monochromacy



Original Color

192.8680, -33.4589, -1.6382

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.7860, -12.2195, -0.6893

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.8680, -33.4589, -1.6382 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, 207, 125)` looks like.

```
.text, #text, p{  
    color:rgb(191, 207, 125)  
}
```

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, 207, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 207, 125) }
```

Border

The CSS property to change the border of an element to YUV 192.8680, -33.4589, -1.6382 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, 207, 125) }
```


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

```
.border{ border-color:rgb(191, 207, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 207, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 207, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 207, 125); box-shadow:4px 4px 4px 4px rgb(191, 207, 125) }
```

Background

The CSS property to change the background color of an element to YUV 192.8680, -33.4589, -1.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 207, 125) }
```

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

```
.background{ background-color: rgb(191,  
207, 125) }
```

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