

Converting Colors

YUV(191.9710, -33.0167,
-3.4826)

Have a look what the booklet for
YUV(191.9710, -33.0167, -3.4826)
contains.

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Color

**YUV(191.9710, -33.0167,
-3.4826)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCF7D
RGB	188, 207, 125
RGB Percent	74%, 81%, 49%
CMY	0.2627, 0.1882, 0.5098
CMYK	0.09, 0.00, 0.40, 0.19
HSL	74°, 46%, 65%
HSV	74°, 40%, 81%
XYZ	46.7535, 56.7977, 27.9009
YIQ	191.9710, 14.9980, -29.5300

Conversions

Conversions Part 2

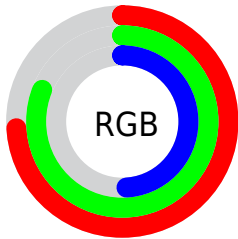
Format	Color
R _{YB}	125, 207, 144
Decimal	12373885
CIE Lab	80.07, -19.38, 38.60
CIE LCh	80, 43.190, 116.662
Yxy	56.7977, 0.3557, 0.4321
Android (android.graphics.Color)	4290563965 (0xFFBCCF7D)
YUV	191.9710, -33.0167, -3.4826
Hunter-Lab	75.3642, -21.1518, 30.8050

Details

The YUV color **191.9710, -33.0167, -3.4826** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **140.0290, 33.0167, 3.4826**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3460, -31.7226, 1.4506**, and **138.0140, -31.5589, -4.3973** is the 20% darker color. If you saturate the color by 10%, you get **188.0820, -41.4524, -4.4569**, and if you desaturate by 10%, it is **195.8600, -24.5810, -2.5082**.

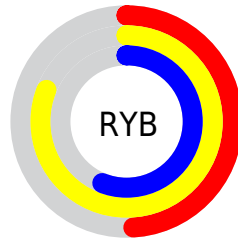
Distribution



Red (74%)

Green (81%)

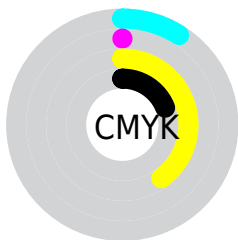
Blue (49%)



Red (49%)

Yellow (81%)

Blue (56%)

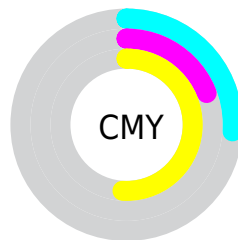


Cyan (9%)

Magenta (0%)

Yellow (40%)

Black (19%)



Cyan (26%)

Magenta (19%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.9710, -33.0167, -3.4826 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 191.9710, -33.0167, -3.4826 by changing the saturation by 10% instead.

■ 191.9710,
-33.0167, -3.4826

■ 191.9710,
-33.0167, -3.4826

255.0000, 0.0000,
0.0000

■ 164.1990,
-32.1431, -3.6825

■ 243.3460,
-31.7226, 1.4506

■ 138.0140,
-31.5589, -4.3973

■ 249.5280,
-20.9663, 4.7989

■ 112.2420,
-30.6853, -4.5972

■ 252.7200, -8.7360,
1.9996

■ 87.2420, -30.6853,
-4.5972

■ 62.8290, -30.9747,
-5.1120

■ 42.4510, -20.9283,
-7.4115

■ 21.4530, -10.5763,

-14.4293

■ 0.0000, 0.0000,
0.0000

■ 191.9710,
-33.0167, -3.4826

■ 191.9710,
-33.0167, -3.4826

■ 188.0820,
-41.4524, -4.4569

■ 195.8600,
-24.5810, -2.5082

■ 184.3070,
-49.4514, -5.5312

■ 199.6350,
-16.5821, -1.4339

■ 180.7170,
-58.0345, -5.8908

■ 203.2250, -7.9989,
-1.0743

■ 176.8280,
-66.4702, -6.8652

■ 207.1140, 0.4368,
-0.1000

■ 172.9390,
-74.9059, -7.8395

■ 211.0030, 8.8725,
0.8744

■ 169.1640,
-82.9049, -8.9138

■ 214.7780, 16.8714,
1.9487

■ 169.0500,
-83.3416, -8.8138

■ 216.9570, 18.7552,
4.4227

■ 218.1530, 18.1656,
6.8818

■ 219.6480, 17.4285,
9.9557

Harmonies

Analogous

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



196.2740, -39.0821, 28.7007



191.9710, -33.0167, -3.4826



186.0940, -16.3153, -40.4244

Triad

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



191.9710, -33.0167, -3.4826



170.5350, 41.6412, -103.0782



197.6440, 3.6265, 50.3012

Complementary

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



191.9710, -33.0167, -3.4826



140.0290, 33.0167, 3.4826

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.



204.2690, 19.0944, 35.7211



191.9710, -33.0167, -3.4826



187.9870, 33.0374, -49.9776

Square

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



191.9710, -33.0167, -3.4826



156.6100, 37.6603, -132.9620



199.5030, 27.3600, -2.1951



194.7310, -15.1504, 52.8559

Rectangle

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



191.9710, -33.0167, -3.4826



180.3540, -0.6675, -66.0855



199.5030, 27.3600, -2.1951



200.3000, 8.7261, 47.9719

Sweetspot

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



191.9710, -33.0167, -3.4826



249.3730, -12.5089, -1.2041



160.0840, -17.2964, 41.1453



124.4530, -7.1253, -1.2743



0.0000, 0.0000, 0.0000



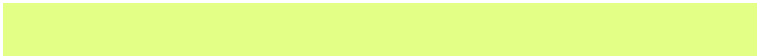
128.0000, 0.0000, 0.0000

Same Dimension

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



191.9710, -33.0167, -3.4826



232.7200, -49.1620, -5.0164



180.0110, -27.1204, -28.0736



102.8490, -4.3626, -0.7446



137.1870, -67.6332, -7.1800



33.3360, -16.4346, -2.0487

Inverse Universe

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



140.0290, 33.0167, 3.4826



155.2800, 49.1620, 5.0164



151.9890, 27.1204, 28.0736



96.1510, 4.3626, 0.7446



30.8130, 67.6332, 7.1800



7.3650, 16.5821, 1.4339

Previews

White Background



This preview shows how the YUV color 191.9710, -33.0167, -3.4826 looks on a white background.

Color Contrast Check

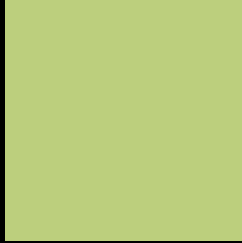
Large Text (above 18pt) WCAG AA × Fail

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 191.9710, -33.0167, -3.4826 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 191.9710, -33.0167, -3.4826 Background



This preview shows how black text looks on a background with the YUV color 191.9710, -33.0167, -3.4826.



This preview shows how white text looks on a background with the YUV color 191.9710, -33.0167, -3.4826.

-3.4826.

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

191.9710, -33.0167, -3.4826

Protanopia

194.7180, -35.8500, 18.6643

Deuteranopia

196.8110, -33.4308, 36.1228



Tritanopia

199.3080, 6.2572, -0.2701

Trichromacy



Original Color

191.9710, -33.0167, -3.4826

Protanomaly

193.6030, -34.8073, 10.8722

Deuteranomaly

195.4240, -33.2400, 21.5532

Tritanomaly

196.8120, -8.2883, -1.5891

Monochromacy



Original Color

191.9710, -33.0167, -3.4826

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.9000, -11.7827, -0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.9710, -33.0167, -3.4826 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(188, 207, 125)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 207, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 207, 125) }
```

Border

The CSS property to change the border of an element to YUV 191.9710, -33.0167, -3.4826 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(188, 207, 125) }
```


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

```
.border{ border-color:rgb(188, 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(188, 207, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 207, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 207, 125);  
box-shadow:4px 4px 4px 4px rgb(188, 207,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 191.9710, -33.0167, -3.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 207, 125) }
```

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

```
.background{ background-color: rgb(188,  
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](#).

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