

Converting Colors

YUV(192.7800, -33.4155,
-15.5931)

Have a look what the booklet for
YUV(192.7800, -33.4155, -15.5931)
contains.

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Color

**YUV(192.7800, -33.4155,
-15.5931)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD77D
RGB	175, 215, 125
RGB Percent	69%, 84%, 49%
CMY	0.3137, 0.1569, 0.5098
CMYK	0.19, 0.00, 0.42, 0.16
HSL	87°, 53%, 67%
HSV	87°, 42%, 84%
XYZ	45.6813, 59.1955, 28.4203
YIQ	192.7800, 5.0500, -36.4700

Conversions

Conversions Part 2

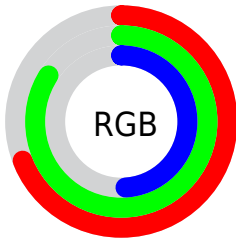
Format	Color
RYB	125, 215, 165
Decimal	11523965
CIELab	81.40, -28.17, 40.11
CIELCh	81, 49.015, 125.077
Yxy	59.1955, 0.3427, 0.4441
Android (android.graphics.Color)	4289714045 (0xFFAFD77D)
YUV	192.7800, -33.4155, -15.5931
Hunter-Lab	76.9386, -28.6605, 31.9560

Details

The YUV color **192.7800, -33.4155, -15.5931** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **147.2200, 33.4155, 15.5931**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4590, -29.8063, -6.5415**, and **138.5350, -31.8158, -15.3782** is the 20% darker color. If you saturate the color by 10%, you get **187.2820, -41.5510, -19.5413**, and if you desaturate by 10%, it is **198.2780, -25.2801, -11.6448**.

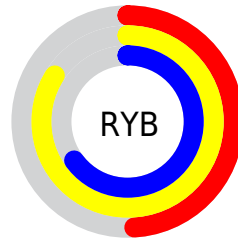
Distribution



Red (69%)

Green (84%)

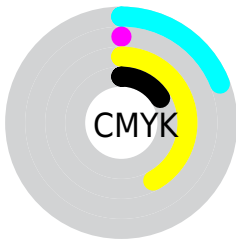
Blue (49%)



Red (49%)

Yellow (84%)

Blue (65%)

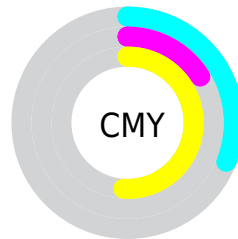


Cyan (19%)

Magenta (0%)

Yellow (42%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 192.7800, -33.4155, -15.5931 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 192.7800, -33.4155, -15.5931 by changing the saturation by 10% instead.

■ 192.7800,
-33.4155, -15.5931

■ 192.7800,
-33.4155, -15.5931

255.0000, 0.0000,
0.0000

■ 165.3070,
-32.6894, -15.1782

■ 239.4590,
-29.8063, -6.5415

■ 138.5350,
-31.8158, -15.3782

■ 249.5280,
-20.9663, 4.7989

■ 112.6490,
-31.3790, -15.4782

■ 252.7200, -8.7360,
1.9996

■ 86.7630, -30.9422,
-15.5782

■ 62.4640, -30.7948,
-16.1929

■ 40.9010, -20.1642,
-19.2072

■ 22.3060, -10.9969,

-19.5624

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 192.7800,
-33.4155, -15.5931

■ 192.7800,
-33.4155, -15.5931

■ 187.2820,
-41.5510, -19.5413

■ 198.2780,
-25.2801, -11.6448

■ 182.1970,
-49.3971, -22.9748

■ 203.3630,
-17.4340, -8.2114

■ 176.8130,
-57.0958, -27.0230

■ 208.8610, -9.2985,
-4.2631

■ 171.6140,
-65.3787, -30.3565

■ 213.9460, -1.4524,
-0.8296

■ 166.1160,
-73.5142, -34.3047

■ 219.4440, 6.6831,
3.1186

■ 161.7860,
-79.7605, -37.5233

■ 224.5290, 14.5292,
6.5521

■ 227.6330, 13.4919,
12.5999

■ 230.3240, 12.1653,
18.1329

■ 231.5200, 11.5756,
20.5920

Harmonies

Analogous

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



197.9760, -43.8652, 22.8230



192.7800, -33.4155, -15.5931



184.3520, -11.0195, -59.0677

Triad

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



192.7800, -33.4155, -15.5931



162.4290, 45.6375, -124.9102



195.4440, 0.2741, 52.2306

Complementary

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



192.7800, -33.4155, -15.5931



147.2200, 33.4155, 15.5931

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.



204.7970, 18.3411, 44.0280



192.7800, -33.4155, -15.5931



191.8740, 31.1211, -41.9855

Square

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



192.7800, -33.4155, -15.5931



161.0310, 45.8337, -141.2242



203.7220, 25.2801, 11.6448



193.9500, -20.6813, 53.5409

Rectangle

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



192.7800, -33.4155, -15.5931



173.5010, 9.6130, -96.9094



203.7220, 25.2801, 11.6448



197.8550, 6.9735, 50.1162

Sweetspot

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



192.7800, -33.4155, -15.5931



246.7530, -12.2032, -5.9224



174.8030, -24.5529, 35.2528



122.6160, -7.6987, -4.0482



0.0000, 0.0000, 0.0000



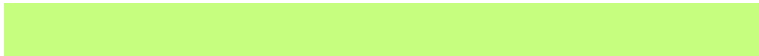
128.0000, 0.0000, 0.0000

Same Dimension

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



192.7800, -33.4155, -15.5931



223.4790, -47.0711, -22.3451



179.6240, -26.9296, -42.6432



104.2510, -4.0677, -1.9741



128.7820, -63.4895, -29.6268



32.4170, -15.9816, -7.3817

Inverse Universe

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



147.2200, 33.4155, 15.5931



159.2220, 47.2186, 21.7303



160.3760, 26.9296, 42.6432



98.7490, 4.0677, 1.9741



42.2180, 63.4895, 29.6268



10.5830, 15.9816, 7.3817

Previews

White Background



This preview shows how the YUV color 192.7800, -33.4155, -15.5931 looks on a white background.

Color Contrast Check

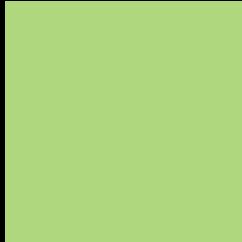
Large Text (above 18pt) WCAG AA × Fail

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 192.7800, -33.4155, -15.5931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

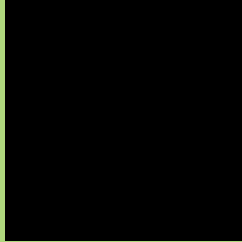
Any Text WCAG AA ✓ Pass

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 192.7800, -33.4155, -15.5931 Background



This preview shows how black text looks on a background with the YUV color 192.7800, -33.4155, -15.5931.



This preview shows how white text looks on a background with the YUV color 192.7800, -33.4155, -15.5931.

-15.5931.

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

192.7800, -33.4155, -15.5931

Protanopia

198.3330, -38.6182, 19.8790

Deuteranopia

200.7680, -34.8886, 37.0375



Tritanopia

201.0400, 9.3473, -11.4361

Trichromacy



Original Color

192.7800, -33.4155, -15.5931

Protanomaly

196.4130, -36.6856, 6.6538

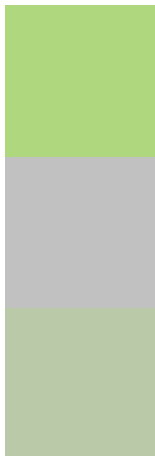
Deuteranomaly

197.7610, -34.3922, 17.7496

Tritanomaly

197.9030, -6.3612, -13.0699

Monochromacy



Original Color

192.7800, -33.4155, -15.5931

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.7530, -12.2032, -5.9224

CSS Examples

Text

The CSS property to change the color of the text to YUV 192.7800, -33.4155, -15.5931 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(175, 215, 125)` looks like.

```
.text, #text, p{  
    color:rgb(175, 215, 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(175, 215, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 215, 125) }
```

Border

The CSS property to change the border of an element to YUV 192.7800, -33.4155, -15.5931 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(175, 215, 125) }
```


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

```
.border{ border-color:rgb(175, 215, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 215, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 215, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 215, 125);  
box-shadow:4px 4px 4px 4px rgb(175, 215,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 192.7800, -33.4155, -15.5931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 215, 125) }
```

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

```
.background{ background-color: rgb(175,  
215, 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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