

Converting Colors

YUV(176.8190, -35.8998,
-12.1193)

Have a look what the booklet for
YUV(176.8190, -35.8998, -12.1193)
contains.

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Color

**YUV(176.8190, -35.8998,
-12.1193)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C668
RGB	163, 198, 104
RGB Percent	64%, 78%, 41%
CMY	0.3608, 0.2235, 0.5922
CMYK	0.18, 0.00, 0.47, 0.22
HSL	82°, 45%, 59%
HSV	82°, 47%, 78%
XYZ	37.7970, 49.1742, 20.5962
YIQ	176.8190, 9.3140, -36.6540

Conversions

Conversions Part 2

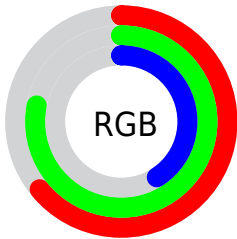
Format	Color
RYB	104, 198, 139
Decimal	10733160
CIELab	75.56, -26.97, 43.05
CIELCh	76, 50.802, 122.062
Yxy	49.1742, 0.3514, 0.4571
Android (android.graphics.Color)	4288923240 (0xFFA3C668)
YUV	176.8190, -35.8998, -12.1193
Hunter-Lab	70.1243, -26.5059, 31.6730

Details

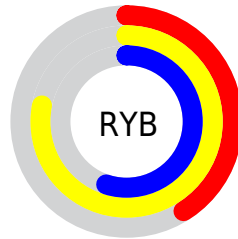
The YUV color $176.8190, -35.8998, -12.1193$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $125.1810, 35.8998, 12.1193$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.0640, -37.4996, -12.3341$, and $123.1610, -34.5894, -12.4192$ is the 20% darker color. If you saturate the color by 10%, you get $172.4460, -43.6039, -14.4231$, and if you desaturate by 10%, it is $181.1920, -28.1957, -9.8154$.

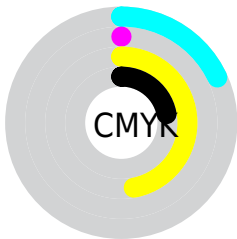
Distribution



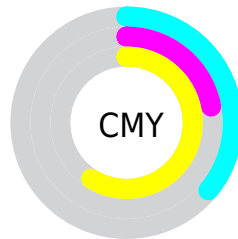
- Red (64%)
- Green (78%)
- Blue (41%)



- Red (41%)
- Yellow (78%)
- Blue (55%)



- Cyan (18%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)



- Cyan (36%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8190, -35.8998, -12.1193 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 176.8190, -35.8998, -12.1193 by changing the saturation by 10% instead.

■ 176.8190,
-35.8998, -12.1193

■ 176.8190,
-35.8998, -12.1193

255.0000, 0.0000,
0.0000

■ 150.0470,
-35.0262, -12.3192

■ 233.0640,
-37.4996, -12.3341

■ 123.1610,
-34.5894, -12.4192

■ 244.8130,
-29.9808, 2.7950

■ 97.2750, -34.1526,
-12.5192

■ 250.2120,
-18.3455, 4.1991

■ 71.9330, -35.4630,
-12.2192

■ 253.4040, -6.1152,
1.3997

■ 50.6690, -24.9798,
-14.6187

■ 28.4860, -14.0436,
-22.3512

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 176.8190,
-35.8998, -12.1193

■ 176.8190,
-35.8998, -12.1193

■ 172.4460,
-43.6039, -14.4231

■ 181.1920,
-28.1957, -9.8154

■ 167.7740,
-51.1606, -17.3418

■ 185.8640,
-20.6390, -6.8967

■ 163.5150,
-58.4279, -19.7457

■ 190.1230,
-13.3716, -4.4929

■ 159.1420,
-66.1320, -22.0495

■ 194.4960, -5.6675,
-2.1890

■ 154.4700,
-73.6887, -24.9682

■ 199.1680, 1.8892,
0.7297

■ 153.3020,
-75.5779, -25.6979

■ 203.5410, 9.5933,
3.0335

■ 208.2130, 17.1500,
5.9522

■ 211.6740, 21.3597,
9.0559

■ 213.7670, 20.3279,
13.3593

Harmonies

Analogous

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



181.9440, -45.3284, 25.4821



176.8190, -35.8998, -12.1193



168.3800, -13.4983, -57.3383

Triad

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



176.8190, -35.8998, -12.1193



147.6440, 52.9265, -129.4838



183.6240, 0.6784, 62.5968

Complementary

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



176.8190, -35.8998, -12.1193



125.1810, 35.8998, 12.1193

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.



191.7590, 19.3458, 48.4464



176.8190, -35.8998, -12.1193



174.3870, 39.7422, -53.8364

Square

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



176.8190, -35.8998, -12.1193



149.3590, 41.7280, -130.9878



188.6270, 32.7219, 4.7121



181.9020, -21.1507, 64.1069

Rectangle

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



176.8190, -35.8998, -12.1193



152.7560, 9.4873, -103.2720



188.6270, 32.7219, 4.7121



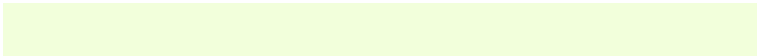
186.6220, 7.0884, 59.9675

Sweetspot

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



176.8190, -35.8998, -12.1193



247.0090, -13.8084, -4.3929



152.0640, -23.6956, 40.2859



122.8010, -8.2829, -3.3335



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.



176.8190, -35.8998, -12.1193



222.3240, -55.3757, -18.7011



163.0650, -29.1190, -40.3990



97.0770, -3.4890, -0.9445



126.1790, -62.2062, -21.2050



27.7100, -13.6610, -5.0077

Inverse Universe

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



125.1810, 35.8998, 12.1193



142.6760, 55.3757, 18.7011



138.9350, 29.1190, 40.3990



91.9230, 3.4890, 0.9445



36.8210, 62.2062, 21.2050



7.9910, 13.8084, 4.3929

Previews

White Background



This preview shows how the YUV color 176.8190, -35.8998, -12.1193 looks on a white background.

Color Contrast Check

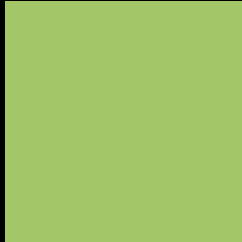
Large Text (above 18pt) WCAG AA × Fail

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 176.8190, -35.8998, -12.1193 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 176.8190, -35.8998, -12.1193 Background



This preview shows how black text looks on a background with the YUV color 176.8190, -35.8998, -12.1193.



This preview shows how white text looks on a background with the YUV color 176.8190, -35.8998, -12.1193.

-12.1193.

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

176.8190, -35.8998, -12.1193

Protanopia

181.5780, -40.2180, 19.6641

Deuteranopia

183.8990, -36.9252, 36.9226



Tritanopia

185.4210, 8.1734, -8.2622

Trichromacy



Original Color

176.8190, -35.8998, -12.1193

Protanomaly

179.5550, -38.7276, 8.2833

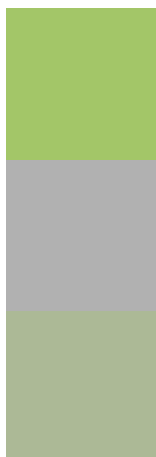
Deuteranomaly

181.4900, -36.7236, 18.8643

Tritanomaly

182.1700, -7.9718, -9.7961

Monochromacy



Original Color

176.8190, -35.8998, -12.1193

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.1230, -13.3716, -4.4929

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8190, -35.8998, -12.1193 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(163, 198, 104)` looks like.

```
.text, #text, p{  
    color:rgb(163, 198, 104)  
}
```

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(163, 198, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 198, 104) }
```

Border

The CSS property to change the border of an element to YUV 176.8190, -35.8998, -12.1193 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(163, 198, 104) }
```


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

```
.border{ border-color:rgb(163, 198, 104) }
```

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

Here you see how a box with a 4 pixel rgb(163, 198, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 198, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 198, 104);  
box-shadow:4px 4px 4px 4px rgb(163, 198,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 176.8190, -35.8998, -12.1193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 198, 104) }
```

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

```
.background{ background-color: rgb(163,  
198, 104) }
```

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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