

Converting Colors

YUV(189.3840, -15.9653,
-12.6148)

Have a look what the booklet for
YUV(189.3840, -15.9653, -12.6148)
contains.

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Color

**YUV(189.3840, -15.9653,
-12.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCB9D
RGB	175, 203, 157
RGB Percent	69%, 80%, 62%
CMY	0.3137, 0.2039, 0.3843
CMYK	0.14, 0.00, 0.23, 0.20
HSL	97°, 31%, 71%
HSV	97°, 23%, 80%
XYZ	45.1209, 54.2602, 39.9934
YIQ	189.3840, -1.9220, -20.2420

Conversions

Conversions Part 2

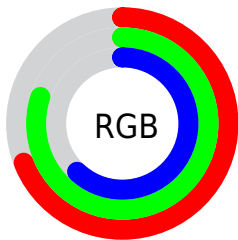
Format	Color
RYB	157, 203, 185
Decimal	11520925
CIELab	78.61, -17.77, 19.89
CIELCh	79, 26.674, 131.770
Yxy	54.2602, 0.3237, 0.3893
Android (android.graphics.Color)	4289711005 (0xFFAFCB9D)
YUV	189.3840, -15.9653, -12.6148
Hunter-Lab	73.6615, -19.5684, 19.3724

Details

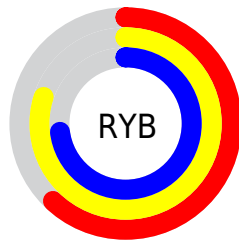
The YUV color **189.3840, -15.9653, -12.6148** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **170.6160, 15.9653, 12.6148**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.9220, -15.2445, -10.4556**, and **135.9110, -15.2391, -12.1999** is the 20% darker color. If you saturate the color by 10%, you get **183.5160, -22.9324, -17.9925**, and if you desaturate by 10%, it is **195.2520, -8.9982, -7.2370**.

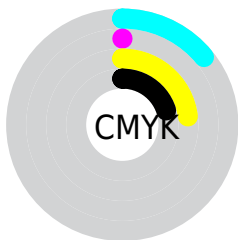
Distribution



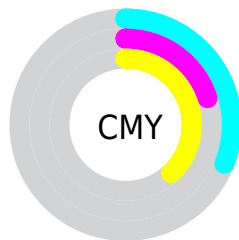
- Red (69%)
- Green (80%)
- Blue (62%)



- Red (62%)
- Yellow (80%)
- Blue (73%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.3840, -15.9653, -12.6148 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 189.3840, -15.9653, -12.6148 by changing the saturation by 10% instead.

■ 189.3840,
-15.9653, -12.6148

■ 189.3840,
-15.9653, -12.6148

255.0000, 0.0000,
0.0000

■ 162.4980,
-15.5285, -12.7147

■ 242.9220,
-15.2445, -10.4556

■ 135.9110,
-15.2391, -12.1999

■ 253.2900, -6.5520,
1.4997

■ 110.4380,
-14.5129, -11.7851

■ 85.9650, -13.7867,
-11.3703

■ 62.1930, -12.9131,
-11.5703

■ 39.6060, -12.6238,
-11.0555

■ 18.7950, -9.2659,

-14.7292

■ 0.0000, 0.0000,
0.0000

■ 189.3840,
-15.9653, -12.6148

■ 189.3840,
-15.9653, -12.6148

■ 183.5160,
-22.9324, -17.9925

■ 195.2520, -8.9982,
-7.2370

■ 177.2350,
-30.1889, -23.8851

■ 201.5330, -1.7418,
-1.3444

■ 171.3670,
-37.1559, -29.2629

■ 207.4010, 5.2253,
4.0333

■ 165.4990,
-44.1230, -34.6406

■ 213.2690, 12.1924,
9.4111

■ 159.3320,
-50.9427, -40.6332

■ 219.0940, 17.7017,
15.7036

■ 153.3500,
-58.3465, -45.9109

■ 222.6820, 15.9328,
23.0809

■ 147.4820,
-65.3136, -51.2887

■ 224.4760, 15.0483,
26.7695

■ 142.7820,
-70.3915, -55.9368

Harmonies

Analogous

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



192.3930, -22.8717, 9.3023



189.3840, -15.9653, -12.6148



185.7540, -3.8227, -33.9873

Triad

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



189.3840, -15.9653, -12.6148



188.8160, 25.7267, -38.4266



198.2440, -6.5293, 41.0050

Complementary

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



189.3840, -15.9653, -12.6148



170.6160, 15.9653, 12.6148

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.



198.5060, 6.1595, 31.1282



189.3840, -15.9653, -12.6148



194.2150, 24.0510, -14.2206

Square

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



189.3840, -15.9653, -12.6148



184.4630, 20.9707, -53.0261



198.1320, 16.6969, 11.2852



196.6000, -16.5648, 39.8158

Rectangle

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



189.3840, -15.9653, -12.6148



184.3810, 5.2352, -45.9381



198.1320, 16.6969, 11.2852



198.6720, -2.3033, 38.8757

Sweetspot

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



189.3840, -15.9653, -12.6148



249.6590, -6.2409, -4.9629



187.1900, -14.8837, 13.8654



124.6530, -3.7729, -3.2037



0.0000, 0.0000, 0.0000



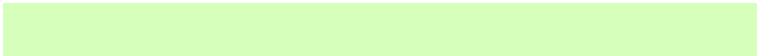
128.0000, 0.0000, 0.0000

Same Dimension

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



189.3840, -15.9653, -12.6148



234.5760, -23.9480, -18.9222



184.5720, -11.1280, -24.1806



99.0660, -3.4835, -2.6889



116.8770, -57.6204, -45.4961



26.7910, -13.2080, -10.3407

Inverse Universe

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



170.6160, 15.9653, 12.6148



206.4240, 23.9480, 18.9222



175.4280, 11.1280, 24.1806



94.9340, 3.4835, 2.6889



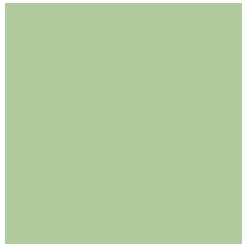
49.1230, 57.6204, 45.4961



11.2090, 13.2080, 10.3407

Previews

White Background



This preview shows how the YUV color 189.3840, -15.9653, -12.6148 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 189.3840, -15.9653, -12.6148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

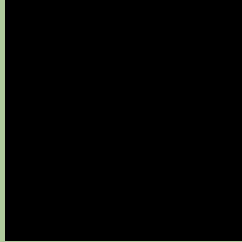
Any Text WCAG AA ✓ Pass

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 189.3840, -15.9653, -12.6148 Background



This preview shows how black text looks on a background with the YUV color 189.3840, -15.9653, -12.6148.



This preview shows how white text looks on a background with the YUV color 189.3840, -15.9653, -12.6148.

-12.6148.

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

189.3840, -15.9653, -12.6148

Protanopia

193.2130, -19.8250, 12.0912

Deuteranopia

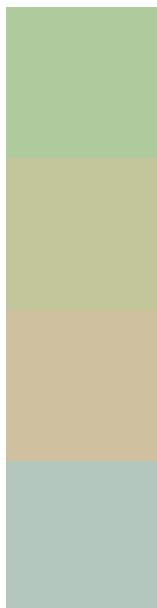
195.2840, -17.3950, 26.0609



Tritanopia

193.8230, 8.4683, -9.4918

Trichromacy



Original Color

189.3840, -15.9653, -12.6148

Protanomaly

191.5000, -18.4875, 3.0695

Deuteranomaly

193.3100, -16.9148, 12.0061

Tritanomaly

192.4070, -0.6937, -10.8809

Monochromacy



Original Color

189.3840, -15.9653, -12.6148

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.0720, -5.9515, -4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.3840, -15.9653, -12.6148 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, 203, 157)` looks like.

```
.text, #text, p{  
    color:rgb(175, 203, 157)  
}
```

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, 203, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 203, 157) }
```

Border

The CSS property to change the border of an element to YUV 189.3840, -15.9653, -12.6148 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, 203, 157) }
```


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

```
.border{ border-color:rgb(175, 203, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 203, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 203, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 203, 157);  
box-shadow:4px 4px 4px 4px rgb(175, 203,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 189.3840, -15.9653, -12.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 203, 157) }
```

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

```
.background{ background-color: rgb(175,  
203, 157) }
```

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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