

Converting Colors

YUV(189.6350, -6.7221,
-37.3909)

Have a look what the booklet for
YUV(189.6350, -6.7221, -37.3909)
contains.

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Color

**YUV(189.6350, -6.7221,
-37.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	93D6B0
RGB	147, 214, 176
RGB Percent	58%, 84%, 69%
CMY	0.4235, 0.1608, 0.3098
CMYK	0.31, 0.00, 0.18, 0.16
HSL	146°, 45%, 71%
HSV	146°, 31%, 84%
XYZ	43.9157, 57.4308, 49.8449
YIQ	189.6350, -27.7340, -26.0220

Conversions

Conversions Part 2

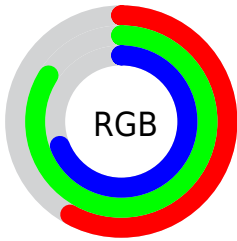
Format	Color
RYB	147, 194, 214
Decimal	9688752
CIELab	80.42, -29.07, 12.10
CIELCh	80, 31.486, 157.394
Yxy	57.4308, 0.2905, 0.3799
Android (android.graphics.Color)	4287878832 (0xFF93D6B0)
YUV	189.6350, -6.7221, -37.3909
Hunter-Lab	75.7831, -29.1812, 14.0512

Details

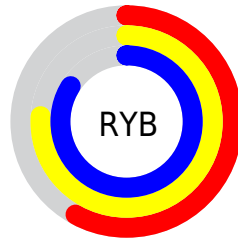
The YUV color **189.6350, -6.7221, -37.3909** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **171.3650, 6.7221, 37.3909**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8300, -2.3812, -29.6689**, and **135.4610, -6.1433, -36.3613** is the 20% darker color. If you saturate the color by 10%, you get **181.9880, -8.8681, -49.1015**, and if you desaturate by 10%, it is **197.2820, -4.5760, -25.6803**.

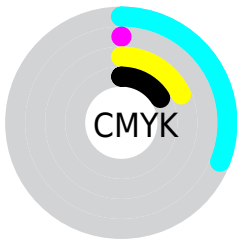
Distribution



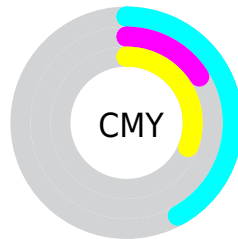
- Red (58%)
- Green (84%)
- Blue (69%)



- Red (58%)
- Yellow (76%)
- Blue (84%)



- Cyan (31%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)





- Cyan (42%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6350, -6.7221, -37.3909 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 189.6350, -6.7221, -37.3909 by changing the saturation by 10% instead.


 189.6350, -6.7221,
-37.3909

 189.6350, -6.7221,
-37.3909


255.0000, 0.0000,
0.0000


 162.0480, -6.4327,
-36.8761


 236.8300, -2.3812,
-29.6689


 135.4610, -6.1433,
-36.3613

 247.8240, 3.5378,
-14.7546

 109.6890, -5.2697,
-36.5613

 83.9170, -4.3961,
-36.7612

 57.3510, -2.6380,
-40.6498

 38.0530, -3.9701,
-33.3725

 22.5170, -7.6499,

-19.7474

■ 1.7610, -0.8682,
-1.5444

■ 0.0000, 0.0000,
0.0000

■ 189.6350, -6.7221,
-37.3909

■ 189.6350, -6.7221,
-37.3909

■ 181.9880, -8.8681,
-49.1015

■ 197.2820, -4.5760,
-25.6803

■ 174.0420,
-10.8667, -61.4268

■ 205.2280, -2.5774,
-13.3550

■ 166.3950,
-13.0127, -73.1374

■ 212.8750, -0.4314,
-1.6444

■ 158.3350,
-15.4482, -85.3628

■ 220.9350, 2.0040,
10.5810

■ 150.6880,
-17.5942, -97.0734

■ 228.5820, 4.1501,
22.2916

■ 143.0410,
-19.7402, -108.7840

■ 230.2490, 9.2442,
21.7066

■ 136.2200,
-21.3075, -119.4649

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

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



193.5430, -20.4807, -11.0002



189.6350, -6.7221, -37.3909



185.5580, 10.0779, -59.2484

Triad

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



189.6350, -6.7221, -37.3909



198.1970, 28.0039, -22.0978



201.8890, -18.1863, 46.5783

Complementary

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



189.6350, -6.7221, -37.3909



171.3650, 6.7221, 37.3909

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.



202.7330, -4.7984, 45.8382



189.6350, -6.7221, -37.3909



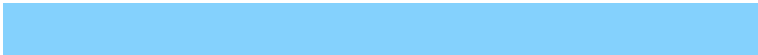
202.6740, 21.3597, 9.0559

Square

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



189.6350, -6.7221, -37.3909



190.9930, 30.5695, -51.7369



204.3260, 9.2063, 33.9171



199.9340, -26.5895, 35.1379

Rectangle

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



189.6350, -6.7221, -37.3909



184.5600, 20.4299, -66.2661



204.3260, 9.2063, 33.9171



201.7410, -13.6763, 46.7081

Sweetspot

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



189.6350, -6.7221, -37.3909



246.6410, -2.2880, -12.8402



197.9900, -25.1381, -10.5152



122.6030, -1.2833, -8.4218



0.0000, 0.0000, 0.0000



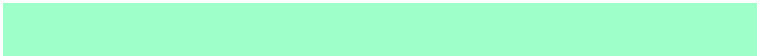
128.0000, 0.0000, 0.0000

Same Dimension

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



189.6350, -6.7221, -37.3909



219.7270, -9.7254, -54.1346



193.2830, 7.2555, -40.5902



103.0270, -0.9993, -6.1627



108.8130, -17.1628, -95.4290



27.4070, -4.1447, -24.0359

Inverse Universe

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



171.3650, 6.7221, 37.3909



193.2730, 9.7254, 54.1346



167.7170, -7.2555, 40.5902



99.9730, 0.9993, 6.1627



62.1870, 17.1628, 95.4290



15.7070, 4.5814, 23.9360

Previews

White Background



This preview shows how the YUV color 189.6350, -6.7221, -37.3909 looks on a white background.

Color Contrast Check

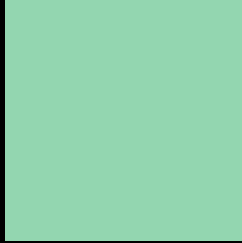
Large Text (above 18pt) WCAG AA × Fail

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 189.6350, -6.7221, -37.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

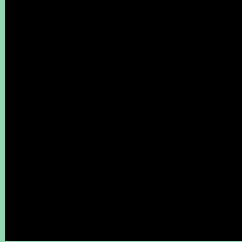
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.6350, -6.7221, -37.3909

Background



This preview shows how black text looks on a background with the YUV color 189.6350, -6.7221, -37.3909.



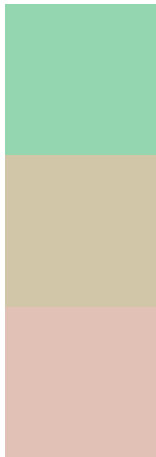
This preview shows how white text looks on a background with the YUV color 189.6350, -6.7221, -37.3909.

-37.3909.

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

189.6350, -6.7221, -37.3909

Protanopia

197.8690, -14.7254, 9.7619

Deuteranopia

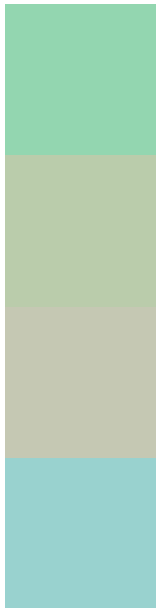
200.6130, -9.6692, 21.3874



Tritanopia

193.9880, 14.7959, -32.4385

Trichromacy



Original Color

189.6350, -6.7221, -37.3909

Protanomaly

194.8560, -11.7610, -7.7667

Deuteranomaly

196.7090, -8.7305, 0.2552

Tritanomaly

192.6150, 7.0918, -34.7424

Monochromacy



Original Color

189.6350, -6.7221, -37.3909

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9290, -2.4300, -13.9697

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6350, -6.7221, -37.3909 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(147, 214, 176)` looks like.

```
.text, #text, p{  
    color:rgb(147, 214, 176)  
}
```

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(147, 214, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 214, 176) }
```

Border

The CSS property to change the border of an element to YUV 189.6350, -6.7221, -37.3909 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(147, 214, 176) }
```


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

```
.border{ border-color:rgb(147, 214, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 214, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 214, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 214, 176);  
box-shadow:4px 4px 4px 4px rgb(147, 214,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 189.6350, -6.7221, -37.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 214, 176) }
```

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

```
.background{ background-color: rgb(147,  
214, 176) }
```

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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