

Converting Colors

YUV(189.0950, -14.3438,
-19.3773)

Have a look what the booklet for
YUV(189.0950, -14.3438, -19.3773)
contains.

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Color

**YUV(189.0950, -14.3438,
-19.3773)**

Conversions

Conversions Part 1

Format	Color
Hex	A7CEA0
RGB	167, 206, 160
RGB Percent	65%, 81%, 63%
CMY	0.3451, 0.1922, 0.3725
CMYK	0.19, 0.00, 0.22, 0.19
HSL	111°, 32%, 72%
HSV	111°, 22%, 81%
XYZ	44.3528, 54.8962, 41.5161
YIQ	189.0950, -8.4780, -22.5740

Conversions

Conversions Part 2

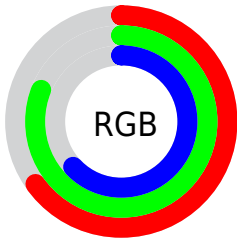
Format	Color
RYB	160, 206, 199
Decimal	10997408
CIELab	78.98, -21.58, 18.73
CIELCh	79, 28.579, 139.041
Yxy	54.8962, 0.3151, 0.3900
Android (android.graphics.Color)	4289187488 (0xFFA7CEA0)
YUV	189.0950, -14.3438, -19.3773
Hunter-Lab	74.0919, -22.8075, 18.6423

Details

The YUV color **189.0950, -14.3438, -19.3773** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **176.9050, 14.3438, 19.3773**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.8720, -12.7549, -15.6737**, and **135.6220, -13.6176, -18.9625** is the 20% darker color. If you saturate the color by 10%, you get **181.6180, -21.0107, -27.7290**, and if you desaturate by 10%, it is **196.5720, -7.6770, -11.0256**.

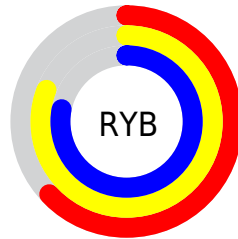
Distribution



Red (65%)

Green (81%)

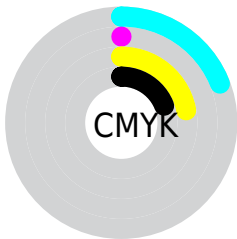
Blue (63%)



Red (63%)

Yellow (81%)

Blue (78%)

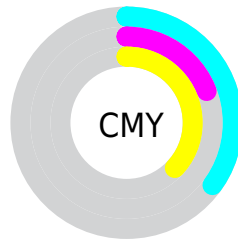


Cyan (19%)

Magenta (0%)

Yellow (22%)

Black (19%)



Cyan (35%)

Magenta (19%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.0950, -14.3438, -19.3773 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 189.0950, -14.3438, -19.3773 by changing the saturation by 10% instead.

■ 189.0950,
-14.3438, -19.3773

■ 189.0950,
-14.3438, -19.3773

255.0000, 0.0000,
0.0000

■ 161.6220,
-13.6176, -18.9625

■ 240.8720,
-12.7549, -15.6737

■ 135.6220,
-13.6176, -18.9625

■ 252.4360, -4.6519,
-1.2594

■ 110.1490,
-12.8915, -18.5477

■ 84.9750, -12.3127,
-17.5181

■ 61.2030, -11.4391,
-17.7180

■ 38.4310, -10.5655,
-17.9180

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 189.0950,
-14.3438, -19.3773

■ 189.0950,
-14.3438, -19.3773

■ 181.6180,
-21.0107, -27.7290

■ 196.5720, -7.6770,
-11.0256

■ 173.9560,
-27.0933, -36.7954

■ 204.2340, -1.5944,
-1.9592

■ 166.4790,
-33.7601, -45.1471

■ 211.7110, 5.0725,
6.3925

■ 158.8170,
-39.8428, -54.2135

■ 219.3730, 11.1551,
15.4589

■ 151.3400,
-46.5096, -62.5652

■ 225.9380, 14.3276,
24.6104

■ 143.5640,
-53.0291, -71.5316

■ 226.2370, 14.1802,
25.2252

■ 136.2010,
-59.2591, -79.9833

■ 130.1910,
-64.1842, -86.9905

Harmonies

Analogous

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



192.2460, -23.2923, 4.1693



189.0950, -14.3438, -19.3773



185.6220, -0.3066, -41.7645

Triad

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



189.0950, -14.3438, -19.3773



190.6960, 27.7579, -36.5674



199.0550, -9.8871, 44.6788

Complementary

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



189.0950, -14.3438, -19.3773



176.9050, 14.3438, 19.3773

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.



199.7410, 3.0857, 37.0611



189.0950, -14.3438, -19.3773



196.3620, 24.4715, -9.0875

Square

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



189.0950, -14.3438, -19.3773



184.7770, 24.7599, -55.0554



199.5350, 15.5122, 17.9478



197.2750, -20.3486, 40.1008

Rectangle

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



189.0950, -14.3438, -19.3773



183.7760, 9.4774, -53.3006



199.5350, 15.5122, 17.9478



199.1950, -5.5191, 43.6790

Sweetspot

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



189.0950, -14.3438, -19.3773



248.4630, -5.6513, -7.4221



196.0600, -17.7776, 8.7174



124.0550, -3.4781, -4.4332



0.0000, 0.0000, 0.0000



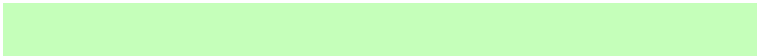
128.0000, 0.0000, 0.0000

Same Dimension

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



189.0950, -14.3438, -19.3773



229.7920, -21.5895, -28.7586



188.7120, -6.7600, -25.1804



98.1690, -3.0413, -4.5332



104.9170, -51.7241, -70.0872



24.1000, -11.8813, -15.8737

Inverse Universe

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



176.9050, 14.3438, 19.3773



211.5070, 21.4420, 29.3734



177.2880, 6.7600, 25.1804



95.5320, 3.1887, 3.9184



61.0830, 51.7241, 70.0872



13.9000, 11.8813, 15.8737

Previews

White Background



This preview shows how the YUV color 189.0950, -14.3438, -19.3773 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 189.0950, -14.3438, -19.3773 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 189.0950, -14.3438, -19.3773 Background



This preview shows how black text looks on a background with the YUV color 189.0950, -14.3438, -19.3773.



This preview shows how white text looks on a background with the YUV color 189.0950, -14.3438, -19.3773.

-19.3773.

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

189.0950, -14.3438, -19.3773

Protanopia

194.0280, -19.2408, 11.3764

Deuteranopia

196.3270, -15.9372, 25.1462



Tritanopia

193.8330, 9.9423, -15.6395

Trichromacy



Original Color

189.0950, -14.3438, -19.3773

Protanomaly

192.1190, -17.3137, -0.1044

Deuteranomaly

194.0430, -15.3042, 8.7323

Tritanomaly

192.4170, 0.7804, -17.0287

Monochromacy



Original Color

189.0950, -14.3438, -19.3773

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.8760, -5.3619, -6.9073

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.0950, -14.3438, -19.3773 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(167, 206, 160)` looks like.

```
.text, #text, p{  
    color:rgb(167, 206, 160)  
}
```

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(167, 206, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 206, 160) }
```

Border

The CSS property to change the border of an element to YUV 189.0950, -14.3438, -19.3773 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(167, 206, 160) }
```


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

```
.border{ border-color:rgb(167, 206, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 206, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 206, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 206, 160);  
box-shadow:4px 4px 4px 4px rgb(167, 206,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 189.0950, -14.3438, -19.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 206, 160) }
```

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

```
.background{ background-color: rgb(167,  
206, 160) }
```

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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