

Converting Colors

YUV(167.0950, 19.1802,
-38.6713)

Have a look what the booklet for
YUV(167.0950, 19.1802, -38.6713)
contains.

YUV(167.0950, 19.1802, -38.6713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(167.0950, 19.1802,
-38.6713)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB6CE
RGB	123, 182, 206
RGB Percent	48%, 71%, 81%
CMY	0.5176, 0.2863, 0.1922
CMYK	0.40, 0.12, 0.00, 0.19
HSL	197°, 46%, 65%
HSV	197°, 40%, 81%
XYZ	36.0369, 42.1231, 64.6237
YIQ	167.0950, -42.8680, -5.0440

Conversions

Conversions Part 2

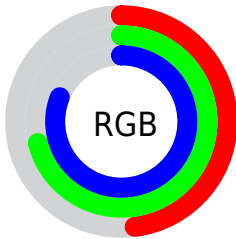
Format	Color
RYB	123, 157, 206
Decimal	8107726
CIELab	70.96, -12.92, -18.15
CIELCh	71, 22.283, 234.555
Yxy	42.1231, 0.2524, 0.2950
Android (android.graphics.Color)	4286297806 (0xFF7BB6CE)
YUV	167.0950, 19.1802, -38.6713
Hunter-Lab	64.9023, -14.4672, -13.6039

Details

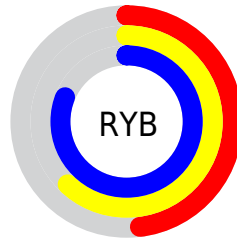
The YUV color **167.0950, 19.1802, -38.6713** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.9050, -19.1802, 38.6713**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.2970, 16.1226, -37.9715**, and **113.6820, 18.8908, -39.1861** is the 20% darker color. If you saturate the color by 10%, you get **157.2940, 24.0121, -48.4928**, and if you desaturate by 10%, it is **176.8960, 14.3483, -28.8498**.

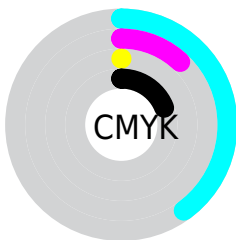
Distribution



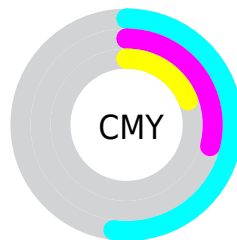
- Red (48%)
- Green (71%)
- Blue (81%)



- Red (48%)
- Yellow (62%)
- Blue (81%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.0950, 19.1802, -38.6713 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 167.0950, 19.1802, -38.6713 by changing the saturation by 10% instead.

■ 167.0950, 19.1802,
-38.6713

■ 167.0950, 19.1802,
-38.6713

■ 255.0000, 0.0000,
0.0000

■ 139.9810, 18.7434,
-38.5713

■ 222.2970, 16.1226,
-37.9715

■ 113.6820, 18.8908,
-39.1861

■ 240.6480, 7.0755,
-29.5093

■ 87.3720, 19.0436,
-41.5452

■ 249.3190, 2.8007,
-11.6808

■ 58.4740, 20.9653,
-51.2817

■ 42.2370, 17.1382,
-37.0418

■ 26.7010, 13.4584,
-23.4168

■ 9.0450, 11.8098,

-7.9325

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 167.0950, 19.1802,
-38.6713

■ 167.0950, 19.1802,
-38.6713

■ 157.2940, 24.0121,
-48.4928

■ 176.8960, 14.3483,
-28.8498

■ 147.7920, 28.6965,
-57.6996

■ 186.3980, 9.6638,
-19.6430

■ 137.9910, 33.5284,
-67.5211

■ 196.1990, 4.8319,
-9.8215

■ 128.4890, 38.2129,
-76.7279

■ 205.7010, 0.1474,
-0.6148

■ 118.6880, 43.0448,
-86.5494

■ 215.5020, -4.6845,
9.2067

■ 109.1860, 47.7293,
-95.7561

■ 225.3030, -9.5164,
19.0283

■ 231.2170,
-12.4320, 20.8577

■ 234.7390,
-14.1683, 17.7689

■ 238.2610,
-15.9047, 14.6801

Harmonies

Analogous

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



165.2380, 12.2077, -42.3047



167.0950, 19.1802, -38.6713



171.6500, 20.8786, -23.3720

Triad

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



167.0950, 19.1802, -38.6713



177.0130, 0.4866, 30.6836



171.2330, -16.8769, -0.2043

Complementary

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



167.0950, 19.1802, -38.6713



161.9050, -19.1802, 38.6713

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.



173.3600, -19.4045, 17.2243



167.0950, 19.1802, -38.6713



176.2170, -8.9810, 34.0127

Square

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



167.0950, 19.1802, -38.6713



176.7430, 9.9867, 16.8884



174.5340, -16.5323, 29.3497



168.1860, -8.9657, -17.7031

Rectangle

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



167.0950, 19.1802, -38.6713



173.9830, 19.2354, -9.6321



174.5340, -16.5323, 29.3497



171.5220, -18.4983, 6.5582

Sweetspot

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



167.0950, 19.1802, -38.6713



240.4480, 7.1741, -14.4249



174.4570, -13.5363, -45.1278



119.0960, 4.3897, -7.9772



0.0000, 0.0000, 0.0000



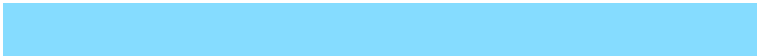
128.0000, 0.0000, 0.0000

Same Dimension

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



167.0950, 19.1802, -38.6713



197.9770, 28.1123, -56.9848



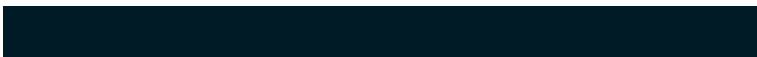
143.0280, 31.0452, -17.5646



97.2490, 2.3422, -4.6034



88.1900, 38.3603, -77.3426



20.1810, 8.7848, -17.6987

Inverse Universe

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



154.5430, 13.5363, 45.1278



179.3960, 20.0178, 66.3047



185.9720, -31.0452, 17.5646



95.7880, 1.5835, 5.4479



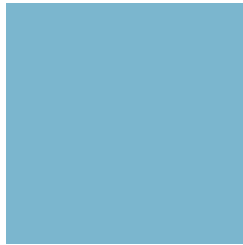
63.0860, 27.0726, 90.2556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 167.0950, 19.1802, -38.6713 looks on a white background.

Color Contrast Check

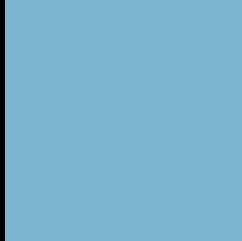
Large Text (above 18pt) WCAG AA × Fail

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 167.0950, 19.1802, -38.6713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

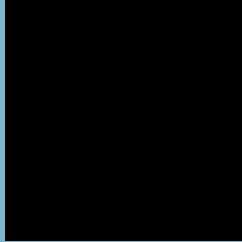
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.0950, 19.1802, -38.6713

Background



This preview shows how black text looks on a background with the YUV color 167.0950, 19.1802, -38.6713.



This preview shows how white text looks on a background with the YUV color 167.0950, 19.1802, -38.6713.

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

167.0950, 19.1802, -38.6713

Protanopia

173.8820, 12.3832, -5.1585

Deuteranopia

174.4570, 17.0297, -2.1548



Tritanopia

166.1720, 15.6912, -39.6158

Trichromacy



Original Color

167.0950, 19.1802, -38.6713

Protanomaly

171.7880, 14.8945, -17.3541

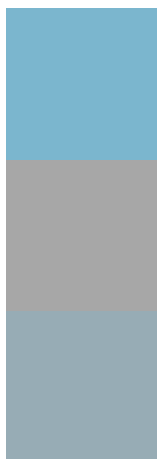
Deuteranomaly

171.8960, 17.7993, -15.6948

Tritanomaly

166.8130, 16.8542, -39.3010

Monochromacy



Original Color

167.0950, 19.1802, -38.6713

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.7470, 7.0267, -13.8101

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.0950, 19.1802, -38.6713 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(123, 182, 206)` looks like.

```
.text, #text, p{  
    color:rgb(123, 182, 206)  
}
```

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(123, 182, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 182, 206) }
```

Border

The CSS property to change the border of an element to YUV 167.0950, 19.1802, -38.6713 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(123, 182, 206) }
```


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

```
.border{ border-color:rgb(123, 182, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 182, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 182, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 182, 206);  
box-shadow:4px 4px 4px 4px rgb(123, 182,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 167.0950, 19.1802, -38.6713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 182, 206) }
```

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

```
.background{ background-color: rgb(123,  
182, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor