

Converting Colors

YUV(167.6560, 14.9596,
-38.2863)

Have a look what the booklet for
YUV(167.6560, 14.9596, -38.2863)
contains.

YUV(167.6560, 14.9596, -38.2863)	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(167.6560, 14.9596,
-38.2863)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB8C6
RGB	124, 184, 198
RGB Percent	49%, 72%, 78%
CMY	0.5137, 0.2784, 0.2235
CMYK	0.37, 0.07, 0.00, 0.22
HSL	191°, 39%, 63%
HSV	191°, 37%, 78%
XYZ	35.6457, 42.6433, 59.7783
YIQ	167.6560, -40.2540, -8.3660

Conversions

Conversions Part 2

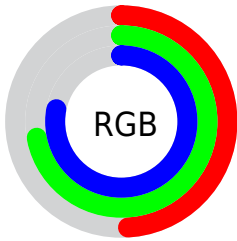
Format	Color
RYB	124, 157, 198
Decimal	8173766
CIELab	71.31, -15.77, -13.23
CIElCh	71, 20.586, 219.985
Yxy	42.6433, 0.2582, 0.3089
Android (android.graphics.Color)	4286363846 (0xFF7CB8C6)
YUV	167.6560, 14.9596, -38.2863
Hunter-Lab	65.3018, -16.8420, -8.5637

Details

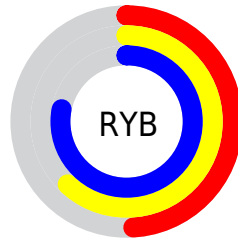
The YUV color **167.6560, 14.9596, -38.2863** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **154.3440, -14.9596, 38.2863**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4710, 15.5438, -39.0011**, and **114.2430, 14.6702, -38.8011** is the 20% darker color. If you saturate the color by 10%, you get **159.3280, 19.0653, -48.5227**, and if you desaturate by 10%, it is **175.9840, 10.8539, -28.0500**.

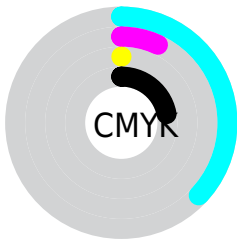
Distribution



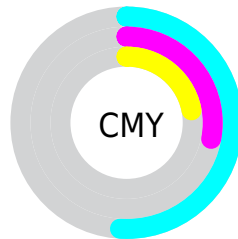
- Red (49%)
- Green (72%)
- Blue (78%)



- Red (49%)
- Yellow (62%)
- Blue (78%)



- Cyan (37%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6560, 14.9596, -38.2863 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 167.6560, 14.9596, -38.2863 by changing the saturation by 10% instead.

■ 167.6560, 14.9596,
-38.2863

■ 167.6560, 14.9596,
-38.2863

255.0000, 0.0000,
0.0000

■ 140.6560, 14.9596,
-38.2863

■ 223.4710, 15.5438,
-39.0011

■ 114.2430, 14.6702,
-38.8011

■ 240.9470, 6.9281,
-28.8945

■ 88.6450, 14.9650,
-40.0307

■ 249.6180, 2.6533,
-11.0660

■ 60.3560, 16.5865,
-46.7932

■ 42.0260, 13.7912,
-36.8568

■ 26.6040, 10.5482,
-23.3317

■ 8.9480, 8.8996,

-7.8474

■ 0.0000, 0.0000,
0.0000

■ 167.6560, 14.9596,
-38.2863

■ 167.6560, 14.9596,
-38.2863

■ 159.3280, 19.0653,
-48.5227

■ 175.9840, 10.8539,
-28.0500

■ 151.5870, 22.8816,
-59.2738

■ 183.7250, 7.0376,
-17.2988

■ 143.5580, 26.8399,
-68.8954

■ 191.7540, 3.0793,
-7.6773

■ 135.2300, 30.9456,
-79.1317

■ 200.0820, -1.0264,
2.5591

■ 126.9020, 35.0513,
-89.3681

■ 208.4100, -5.1321,
12.7954

■ 119.1610, 38.8676,
-100.1192

■ 216.1510, -8.9484,
23.5466

■ 117.0790, 39.8941,
-102.6783

■ 222.0870,
-11.8749, 28.8647

■ 224.4350,
-13.0325, 26.8055

■ 226.7830,
-14.1900, 24.7463

Harmonies

Analogous

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



166.7890, 6.5130, -35.7720



167.6560, 14.9596, -38.2863



170.7480, 18.8582, -28.7200

Triad

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



167.6560, 14.9596, -38.2863



178.1090, 4.8763, 22.7064



173.1740, -17.3408, 8.6174

Complementary

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



167.6560, 14.9596, -38.2863



154.3440, -14.9596, 38.2863

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.



174.9630, -17.2368, 21.9574



167.6560, 14.9596, -38.2863



177.4600, -4.1708, 31.1686

Square

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



167.6560, 14.9596, -38.2863



177.3720, 12.6346, 7.5668



176.5710, -12.6065, 30.1942



171.0300, -12.3398, -8.7963

Rectangle

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



167.6560, 14.9596, -38.2863



173.2270, 19.1151, -17.7391



176.5710, -12.6065, 30.1942



173.6800, -18.0832, 13.4356

Sweetspot

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



167.6560, 14.9596, -38.2863



243.6930, 5.5744, -14.6398



169.0340, -15.2998, -39.4948



120.5690, 3.6635, -8.3920



0.0000, 0.0000, 0.0000



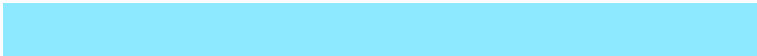
128.0000, 0.0000, 0.0000

Same Dimension

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



167.6560, 14.9596, -38.2863



207.7010, 23.3184, -59.3738



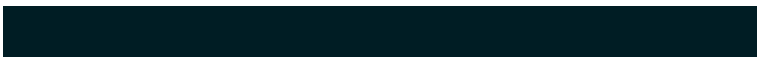
145.9370, 25.6671, -19.2387



95.7220, 1.6161, -5.0182



96.0660, 32.9985, -84.2499



21.1270, 7.3324, -18.5284

Inverse Universe

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



152.9660, 15.2998, 39.4948



184.9870, 23.6704, 61.4014



176.0630, -25.6671, 19.2387



93.6030, 2.1677, 4.7332



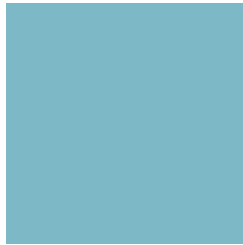
63.7850, 33.6300, 87.0116



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 167.6560, 14.9596, -38.2863 looks on a white background.

Color Contrast Check

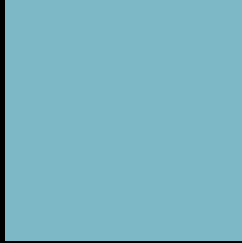
Large Text (above 18pt) WCAG AA × Fail

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 167.6560, 14.9596, -38.2863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

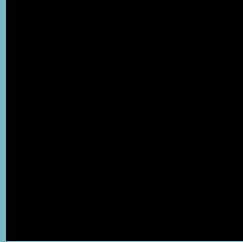
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.6560, 14.9596, -38.2863

Background



This preview shows how black text looks on a background with the YUV color 167.6560, 14.9596, -38.2863.



This preview shows how white text looks on a background with the YUV color 167.6560, 14.9596, -38.2863.

-38.2863.

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

167.6560, 14.9596, -38.2863

Protanopia

174.7530, 8.0098, -2.4144

Deuteranopia

175.9260, 12.3615, 1.8189



Tritanopia

167.7700, 15.3964, -38.3863

Trichromacy



Original Color

167.6560, 14.9596, -38.2863

Protanomaly

172.3600, 10.6685, -15.2247

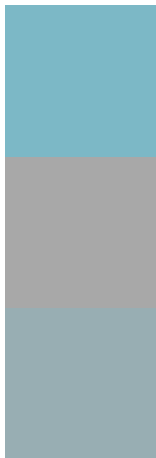
Deuteranomaly

172.7670, 13.4259, -12.9507

Tritanomaly

167.7700, 15.3964, -38.3863

Monochromacy



Original Color

167.6560, 14.9596, -38.2863

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9920, 5.4269, -14.0250

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6560, 14.9596, -38.2863 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(124, 184, 198)` looks like.

```
.text, #text, p{  
    color:rgb(124, 184, 198)  
}
```

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(124, 184, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 184, 198) }
```

Border

The CSS property to change the border of an element to YUV 167.6560, 14.9596, -38.2863 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(124, 184, 198) }
```


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

```
.border{ border-color:rgb(124, 184, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 184, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 184, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 184, 198);  
box-shadow:4px 4px 4px 4px rgb(124, 184,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 167.6560, 14.9596, -38.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 184, 198) }
```

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

```
.background{ background-color: rgb(124,  
184, 198) }
```

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