

Converting Colors

YUV(199.8260, 6.9878,
-48.0824)

Have a look what the booklet for
YUV(199.8260, 6.9878, -48.0824)
contains.

YUV(199.8260, 6.9878, -48.0824)	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(199.8260, 6.9878,
-48.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	91E1D6
RGB	145, 225, 214
RGB Percent	57%, 88%, 84%
CMY	0.4314, 0.1176, 0.1608
CMYK	0.36, 0.00, 0.05, 0.12
HSL	172°, 57%, 73%
HSV	172°, 36%, 88%
XYZ	50.7399, 64.7252, 73.4373
YIQ	199.8260, -44.1490, -20.3810

Conversions

Conversions Part 2

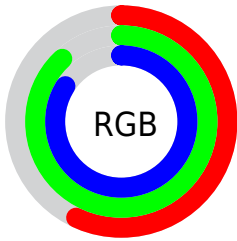
Format	Color
RYB	145, 188, 225
Decimal	9560534
CIELab	84.34, -26.90, -2.39
CIElCh	84, 27.006, 185.079
Yxy	64.7252, 0.2686, 0.3426
Android (android.graphics.Color)	4287750614 (0xFF91E1D6)
YUV	199.8260, 6.9878, -48.0824
Hunter-Lab	80.4520, -28.2137, 2.1960

Details

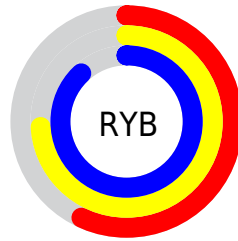
The YUV color **199.8260, 6.9878, -48.0824** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **170.1740, -6.9878, 48.0824**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1530, 7.8126, -32.5832**, and **144.2390, 7.2772, -47.5676** is the 20% darker color. If you saturate the color by 10%, you get **192.9060, 8.9203, -61.3076**, and if you desaturate by 10%, it is **207.0450, 4.9078, -34.2425**.

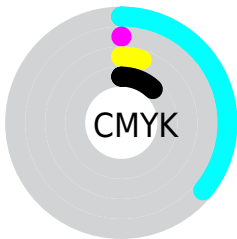
Distribution



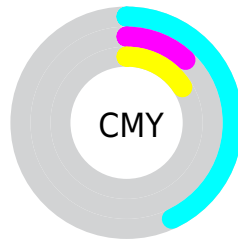
- Red (57%)
- Green (88%)
- Blue (84%)



- Red (57%)
- Yellow (74%)
- Blue (88%)



- Cyan (36%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (43%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8260, 6.9878, -48.0824 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 199.8260, 6.9878, -48.0824 by changing the saturation by 10% instead.

■ 199.8260, 6.9878,
-48.0824

■ 199.8260, 6.9878,
-48.0824

255.0000, 0.0000,
0.0000

■ 171.8260, 6.9878,
-48.0824

■ 239.1530, 7.8126,
-32.5832

■ 144.2390, 7.2772,
-47.5676

■ 247.8240, 3.5378,
-14.7546

■ 117.6410, 7.5720,
-48.7972

■ 90.5590, 8.5984,
-51.3562

■ 63.5800, 10.0671,
-55.7597

■ 46.8700, 6.9661,
-41.1050

■ 30.8610, 4.0125,

-27.0651

■ 16.2540, 1.3538,
-14.2548

■ 0.0000, 0.0000,
0.0000

■ 199.8260, 6.9878,
-48.0824

■ 199.8260, 6.9878,
-48.0824

■ 192.9060, 8.9203,
-61.3076

■ 207.0450, 4.9078,
-34.2425

■ 185.6870, 11.0003,
-75.1475

■ 213.9650, 2.9753,
-21.0173

■ 178.7670, 12.9329,
-88.3727

■ 220.8850, 1.0427,
-7.7921

■ 171.5480, 15.0128,
-102.2126

■ 228.1040, -1.0373,
6.0478

■ 164.3290, 17.0928,
-116.0525

■ 234.4260, -2.6750,
18.0434

■ 157.2950, 18.5886,
-129.1777

■ 234.8820, -0.9278,
17.6435

■ 154.1910, 19.6258,
-135.2255

■ 235.2240, 0.3826,
17.3436

■ 235.5660, 1.6930,
17.0436

■ 235.9080, 3.0034,
16.7437

Harmonies

Analogous

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



202.5650, -7.1805, -30.3135



199.8260, 6.9878, -48.0824



199.9960, 19.2290, -54.3705

Triad

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



199.8260, 6.9878, -48.0824



213.0820, 19.1866, 6.0671



211.5360, -22.9422, 31.9789

Complementary

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



199.8260, 6.9878, -48.0824



170.1740, -6.9878, 48.0824

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.



211.4580, -14.5228, 38.1863



199.8260, 6.9878, -48.0824



214.7660, 8.4964, 28.2692

Square

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



199.8260, 6.9878, -48.0824



208.5410, 22.9043, -19.7685



212.5470, -2.7347, 37.2313



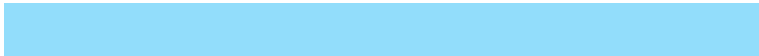
208.7850, -24.0510, 14.2206

Rectangle

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



199.8260, 6.9878, -48.0824



201.9950, 24.1595, -49.1076



212.5470, -2.7347, 37.2313



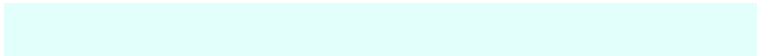
212.1390, -20.7745, 36.7121

Sweetspot

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



199.8260, 6.9878, -48.0824



246.1720, 2.3802, -16.8138



195.5480, -24.9202, -33.8066



122.5750, 1.1955, -10.1513



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.



199.8260, 6.9878, -48.0824



220.4000, 9.6628, -66.1258



184.6440, 19.8955, -34.7678



108.5970, 1.1847, -6.6626



120.6400, 15.4605, -105.8013



32.9640, 4.4547, -28.9094

Inverse Universe

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



170.1740, -6.9878, 48.0824



179.6000, -9.6628, 66.1258



185.3560, -19.8955, 34.7678



104.5170, -0.7479, 6.5626



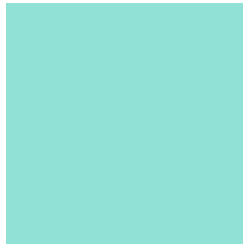
55.3600, -15.4605, 105.8013



15.1500, -4.0179, 28.8095

Previews

White Background



This preview shows how the YUV color 199.8260, 6.9878, -48.0824 looks on a white background.

Color Contrast Check

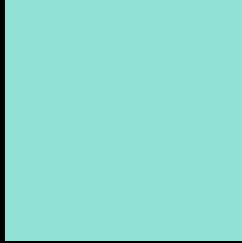
Large Text (above 18pt) WCAG AA × Fail

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 199.8260, 6.9878, -48.0824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

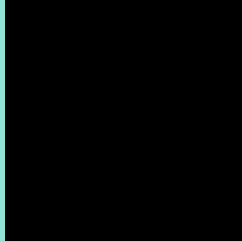
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

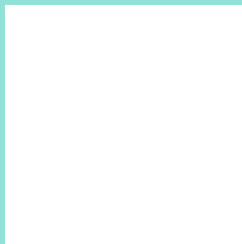
Any Text WCAG AAA ✓ Pass

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

YUV 199.8260, 6.9878, -48.0824 Background



This preview shows how black text looks on a background with the YUV color 199.8260, 6.9878, -48.0824.



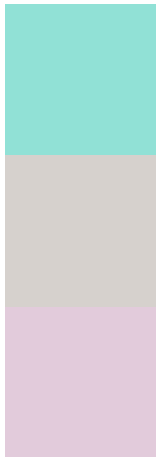
This preview shows how white text looks on a background with the YUV color 199.8260, 6.9878,

-48.0824.

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

199.8260, 6.9878, -48.0824

Protanopia

210.0390, -2.4842, 3.4738

Deuteranopia

211.7010, 3.5984, 12.5402



Tritanopia

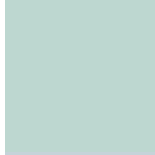
202.1220, 18.1809, -44.8340

Trichromacy



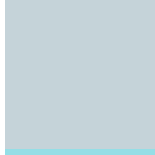
Original Color

199.8260, 6.9878, -48.0824



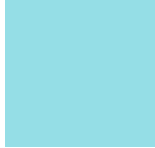
Protanomaly

206.4280, 0.7750, -15.2844



Deuteranomaly

207.4980, 4.6845, -9.2067



Tritanomaly

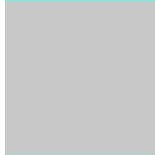
201.0850, 14.2551, -45.6785

Monochromacy



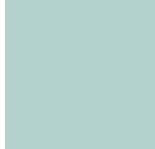
Original Color

199.8260, 6.9878, -48.0824



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.8730, 2.5276, -17.4286

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8260, 6.9878, -48.0824 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(145, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(145, 225, 214)  
}
```

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(145, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 225, 214) }
```

Border

The CSS property to change the border of an element to YUV 199.8260, 6.9878, -48.0824 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(145, 225, 214) }
```


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

```
.border{ border-color:rgb(145, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(145, 225,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 199.8260, 6.9878, -48.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 225, 214) }
```

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

```
.background{ background-color: rgb(145,  
225, 214) }
```

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