

Converting Colors

YUV(219.1680, 8.2982,
-48.3823)

Have a look what the booklet for
YUV(219.1680, 8.2982, -48.3823)
contains.

YUV(219.1680, 8.2982, -48.3823)	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(219.1680, 8.2982,
-48.3823)**

Conversions

Conversions Part 1

Format	Color
Hex	A4F4EC
RGB	164, 244, 236
RGB Percent	64%, 96%, 93%
CMY	0.3569, 0.0431, 0.0745
CMYK	0.33, 0.00, 0.03, 0.04
HSL	174°, 78%, 80%
HSV	174°, 33%, 96%
XYZ	62.8008, 78.6500, 91.2279
YIQ	219.1680, -45.1120, -19.4480

Conversions

Conversions Part 2

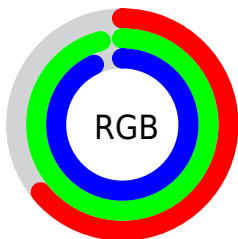
Format	Color
RYB	164, 206, 244
Decimal	10810604
CIELab	91.08, -26.04, -3.93
CIELCh	91, 26.338, 188.589
Yxy	78.6500, 0.2699, 0.3380
Android (android.graphics.Color)	4289000684 (0xFFA4F4EC)
YUV	219.1680, 8.2982, -48.3823
Hunter-Lab	88.6848, -28.7964, 1.0892

Details

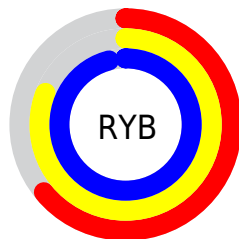
The YUV color **219.1680, 8.2982, -48.3823** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **188.8320, -8.2982, 48.3823**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.8340, 5.0118, -20.9024**, and **163.4670, 8.1508, -47.7676** is the 20% darker color. If you saturate the color by 10%, you get **211.7640, 10.9623, -62.9370**, and if you desaturate by 10%, it is **226.5720, 5.6340, -33.8276**.

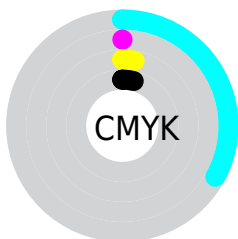
Distribution



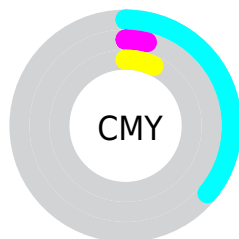
- Red (64%)
- Green (96%)
- Blue (93%)



- Red (64%)
- Yellow (81%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (36%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.1680, 8.2982, -48.3823 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 219.1680, 8.2982, -48.3823 by changing the saturation by 10% instead.

219.1680, 8.2982,
-48.3823

219.1680, 8.2982,
-48.3823

255.0000, 0.0000,
0.0000

190.5810, 8.5876,
-47.8675

244.8340, 5.0118,
-20.9024

163.4670, 8.1508,
-47.7676

253.8040, 0.5896,
-2.4591

135.5810, 8.5876,
-47.8675

109.0970, 9.3192,
-49.1971

80.8190, 10.9352,
-54.2153

58.3140, 10.1982,
-51.1414

41.6040, 7.0972,

-36.4867

■ 26.1820, 3.8543,
-22.9616

■ 6.1780, 3.3632,
-5.4181

■ 219.1680, 8.2982,
-48.3823

■ 219.1680, 8.2982,
-48.3823

■ 211.7640, 10.9623,
-62.9370

■ 226.5720, 5.6340,
-33.8276

■ 203.9470, 13.3371,
-78.0065

■ 234.3890, 3.2592,
-18.7582

■ 196.5430, 16.0013,
-92.5612

■ 241.7930, 0.5951,
-4.2035

■ 188.7260, 18.3761,
-107.6307

■ 247.5170, -0.7479,
6.5626

■ 181.3220, 21.0403,
-122.1854

■ 247.7450, 0.1257,
6.3626

■ 173.8040, 23.2676,
-136.6401

■ 248.0870, 1.4361,
6.0627

■ 168.3080, 25.4842,
-147.6061

■ 248.3150, 2.3097,
5.8627

■ 248.5430, 3.1833,
5.6628

Harmonies

Analogous

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



221.3090, -5.5753, -31.8430



219.1680, 8.2982, -48.3823



218.9640, 17.7657, -51.7114

Triad

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



219.1680, 8.2982, -48.3823



231.4540, 11.6082, 10.1258



227.4210, -21.8996, 24.1868

Complementary

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



219.1680, 8.2982, -48.3823



188.8320, -8.2982, 48.3823

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.



225.1360, -12.8850, 26.1907



219.1680, 8.2982, -48.3823



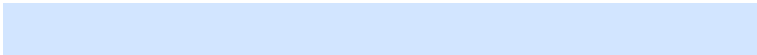
230.1350, 8.8074, 21.8066

Square

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



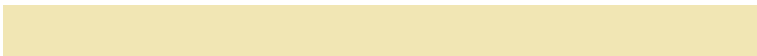
219.1680, 8.2982, -48.3823



226.2830, 14.1575, -14.2802



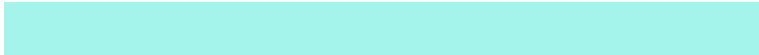
225.5240, -1.2443, 25.8505



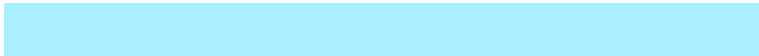
227.5890, -23.4614, 11.7614

Rectangle

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



219.1680, 8.2982, -48.3823



220.1930, 17.1599, -44.0193



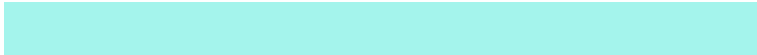
225.5240, -1.2443, 25.8505



226.1160, -19.2842, 25.3313

Sweetspot

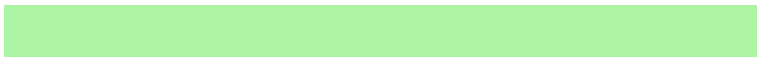
The Sweet Spot groups the original color and five complimentary colors.



219.1680, 8.2982, -48.3823



247.1830, 2.3748, -15.0695



213.3520, -24.3305, -36.2657



122.9880, 1.4849, -9.6365



0.0000, 0.0000, 0.0000



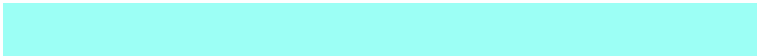
128.0000, 0.0000, 0.0000

Same Dimension

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



219.1680, 8.2982, -48.3823



224.2590, 10.2253, -59.8631



201.2960, 21.0531, -32.7086



118.2980, 1.3321, -7.2773



128.3340, 19.5553, -112.5489



40.6750, 6.0762, -35.6720

Inverse Universe

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



188.8320, -8.2982, 48.3823



186.6270, -10.6621, 59.9631



206.7040, -21.0531, 32.7086



113.7020, -1.3321, 7.2773



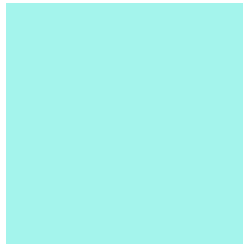
57.7800, -19.1185, 112.4489



18.3250, -6.0762, 35.6720

Previews

White Background



This preview shows how the YUV color 219.1680, 8.2982, -48.3823 looks on a white background.

Color Contrast Check

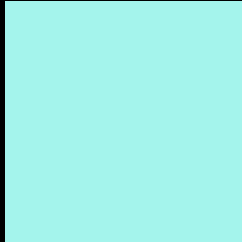
Large Text (above 18pt) WCAG AA × Fail

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 219.1680, 8.2982, -48.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

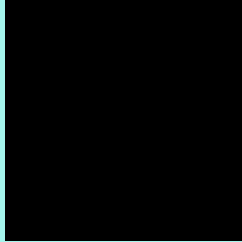
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 219.1680, 8.2982, -48.3823

Background



This preview shows how black text looks on a background with the YUV color 219.1680, 8.2982, -48.3823.



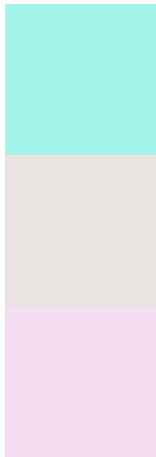
This preview shows how white text looks on a background with the YUV color 219.1680, 8.2982, -48.3823.

-48.3823.

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

219.1680, 8.2982, -48.3823

Protanopia

228.6800, -1.3212, 3.7886

Deuteranopia

231.0430, 4.9088, 12.2403



Tritanopia

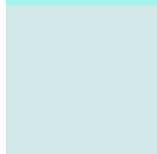
223.4820, 15.5384, -37.2567

Trichromacy



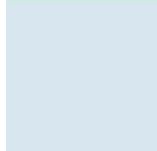
Original Color

219.1680, 8.2982, -48.3823



Protanomaly

225.1830, 2.3748, -15.0695



Deuteranomaly

226.8400, 5.9949, -9.5067



Tritanomaly

222.0640, 12.7864, -41.2751

Monochromacy



Original Color

219.1680, 8.2982, -48.3823



Achromatopsia

219.0000, 0.0000, 0.0000



Achromatomaly

218.9870, 2.9644, -17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.1680, 8.2982, -48.3823 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(164, 244, 236)` looks like.

```
.text, #text, p{  
    color:rgb(164, 244, 236)  
}
```

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(164, 244, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 244, 236) }
```

Border

The CSS property to change the border of an element to YUV 219.1680, 8.2982, -48.3823 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(164, 244, 236) }
```


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

```
.border{ border-color:rgb(164, 244, 236) }
```

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

Here you see how a box with a 4 pixel rgb(164, 244, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 244, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 244, 236);  
box-shadow:4px 4px 4px 4px rgb(164, 244,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 219.1680, 8.2982, -48.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 244, 236) }
```

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

```
.background{ background-color: rgb(164,  
244, 236) }
```

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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