

Converting Colors

YUV(209.3610, -1.1640,
-46.7976)

Have a look what the booklet for
YUV(209.3610, -1.1640, -46.7976)
contains.

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Color

**YUV(209.3610, -1.1640,
-46.7976)**

Conversions

Conversions Part 1

Format	Color
Hex	9CEDCF
RGB	156, 237, 207
RGB Percent	61%, 93%, 81%
CMY	0.3882, 0.0706, 0.1882
CMYK	0.34, 0.00, 0.13, 0.07
HSL	158°, 69%, 77%
HSV	158°, 34%, 93%
XYZ	55.2570, 72.1413, 70.0438
YIQ	209.3610, -38.6460, -26.5020

Conversions

Conversions Part 2

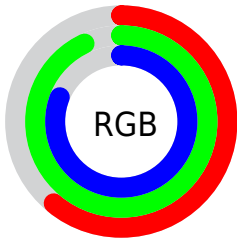
Format	Color
R _{YB}	156, 206, 237
Decimal	10284495
CIE Lab	88.04, -31.13, 6.72
CIE LCh	88, 31.847, 167.812
Yxy	72.1413, 0.2799, 0.3654
Android (android.graphics.Color)	4288474575 (0xFF9CEDCF)
YUV	209.3610, -1.1640, -46.7976
Hunter-Lab	84.9360, -32.5110, 10.5608

Details

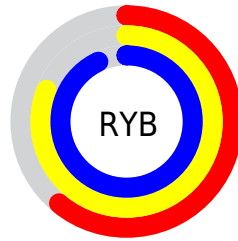
The YUV color **209.3610, -1.1640, -46.7976** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **183.6390, 1.1640, 46.7976**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4420, 6.1911, -25.8206**, and **153.8880, -0.4378, -46.3828** is the 20% darker color. If you saturate the color by 10%, you get **201.1590, -1.5574, -60.6524**, and if you desaturate by 10%, it is **217.5630, -0.7706, -32.9428**.

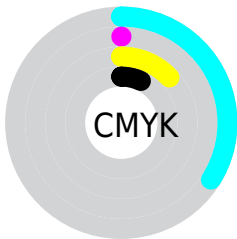
Distribution



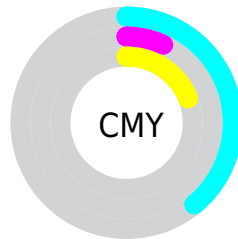
- Red (61%)
- Green (93%)
- Blue (81%)



- Red (61%)
- Yellow (81%)
- Blue (93%)



- Cyan (34%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)



- Cyan (39%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.3610, -1.1640, -46.7976 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 209.3610, -1.1640, -46.7976 by changing the saturation by 10% instead.

■ 209.3610, -1.1640,
-46.7976

■ 209.3610, -1.1640,
-46.7976

255.0000, 0.0000,
0.0000

■ 181.3610, -1.1640,
-46.7976

■ 242.4420, 6.1911,
-25.8206

■ 153.8880, -0.4378,
-46.3828

■ 251.1130, 1.9163,
-7.9921

■ 127.0020, -0.0010,
-46.4828

■ 99.9310, 1.0200,
-47.2975

■ 72.0550, 2.9309,
-53.5452

■ 51.4690, 1.7408,
-45.1383

■ 35.5740, -0.7760,

-31.1984

■ 21.2120, -5.0345,
-18.6029

■ 0.0000, 0.0000,
0.0000

■ 209.3610, -1.1640,
-46.7976

■ 209.3610, -1.1640,
-46.7976

■ 201.1590, -1.5574,
-60.6524

■ 217.5630, -0.7706,
-32.9428

■ 193.2560, -2.0982,
-73.8925

■ 225.4660, -0.2297,
-19.7027

■ 185.1680, -2.0548,
-87.8473

■ 233.5540, -0.2731,
-5.7479

■ 176.9660, -2.4482,
-101.7022

■ 241.7560, 0.1203,
8.1070

■ 169.0630, -2.9891,
-114.9423

■ 243.9780, 3.4618,
9.6663

■ 160.8610, -3.3825,
-128.7971

■ 244.4340, 5.2090,
9.2664

■ 156.1050, -3.5028,
-136.9041

Harmonies

Analogous

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



213.4000, -16.9592, -20.5218



209.3610, -1.1640, -46.7976



206.6050, 15.4777, -64.5516

Triad

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



209.3610, -1.1640, -46.7976



218.9400, 17.7776, -8.7174



216.7580, -19.6007, 33.5382

Complementary

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



209.3610, -1.1640, -46.7976



183.6390, 1.1640, 46.7976

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.



216.3140, -6.0708, 33.9276



209.3610, -1.1640, -46.7976



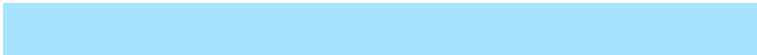
224.4320, 15.0700, 19.7921

Square

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



209.3610, -1.1640, -46.7976



211.9530, 21.2222, -40.3008



220.3210, 6.7437, 30.4135



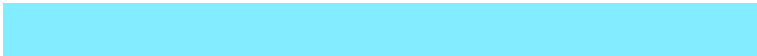
220.6190, -28.8992, 29.2751

Rectangle

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



209.3610, -1.1640, -46.7976



206.7710, 23.7769, -66.4512



220.3210, 6.7437, 30.4135



215.9090, -15.2381, 34.2828

Sweetspot

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



209.3610, -1.1640, -46.7976



246.4990, -0.2460, -14.4696



212.8160, -28.0103, -22.6406



122.5320, -0.2623, -9.2366



0.0000, 0.0000, 0.0000



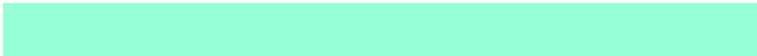
128.0000, 0.0000, 0.0000

Same Dimension

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



209.3610, -1.1640, -46.7976



219.1590, -1.5574, -60.6524



207.4980, 14.5445, -45.1637



113.2550, -0.1257, -6.3626



119.2430, -2.5848, -104.5761



35.5740, -0.7760, -31.1984

Inverse Universe

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



183.6390, 1.1640, 46.7976



185.8410, 1.5574, 60.6524



185.5020, -14.5445, 45.1637



109.7450, 0.1257, 6.3626



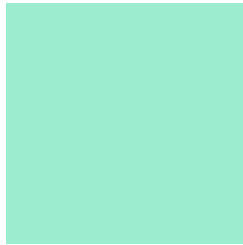
61.7570, 2.5848, 104.5761



18.4260, 0.7760, 31.1984

Previews

White Background



This preview shows how the YUV color 209.3610, -1.1640, -46.7976 looks on a white background.

Color Contrast Check

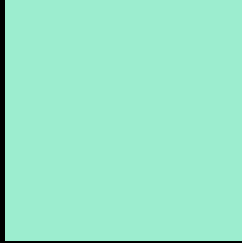
Large Text (above 18pt) WCAG AA × Fail

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 209.3610, -1.1640, -46.7976 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 209.3610, -1.1640, -46.7976

Background



This preview shows how black text looks on a background with the YUV color 209.3610, -1.1640, -46.7976.



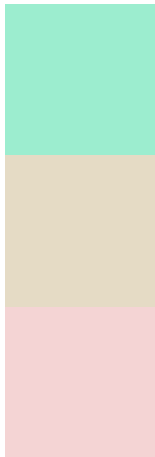
This preview shows how white text looks on a background with the YUV color 209.3610, -1.1640,

-46.7976.

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

209.3610, -1.1640, -46.7976

Protanopia

219.4820, -11.0836, 8.3473

Deuteranopia

221.5680, -4.7170, 19.6729



Tritanopia

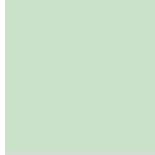
213.6170, 17.4438, -41.7601

Trichromacy



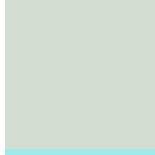
Original Color

209.3610, -1.1640, -46.7976



Protanomaly

215.9740, -7.3822, -12.2552



Deuteranomaly

217.0550, -3.4781, -4.4332



Tritanomaly

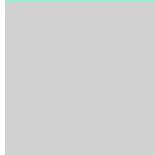
211.8850, 10.9027, -43.7491

Monochromacy



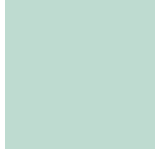
Original Color

209.3610, -1.1640, -46.7976



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.0750, -0.5300, -16.7288

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.3610, -1.1640, -46.7976 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(156, 237, 207)` looks like.

```
.text, #text, p{  
    color:rgb(156, 237, 207)  
}
```

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(156, 237, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 237, 207) }
```

Border

The CSS property to change the border of an element to YUV 209.3610, -1.1640, -46.7976 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(156, 237, 207) }
```


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

```
.border{ border-color:rgb(156, 237, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 237, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 237, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 237, 207);  
box-shadow:4px 4px 4px 4px rgb(156, 237,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 209.3610, -1.1640, -46.7976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 237, 207) }
```

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

```
.background{ background-color: rgb(156,  
237, 207) }
```

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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