

Converting Colors

YUV(210.1800, 3.3623,
-51.9009)

Have a look what the booklet for
YUV(210.1800, 3.3623, -51.9009)
contains.

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Color

**YUV(210.1800, 3.3623,
-51.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	97EFD9
RGB	151, 239, 217
RGB Percent	59%, 94%, 85%
CMY	0.4078, 0.0627, 0.1490
CMYK	0.37, 0.00, 0.09, 0.06
HSL	165°, 73%, 76%
HSV	165°, 37%, 94%
XYZ	56.1534, 73.3221, 76.8386
YIQ	210.1800, -45.3860, -25.4980

Conversions

Conversions Part 2

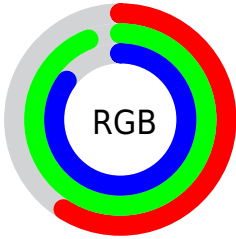
Format	Color
RYB	151, 201, 239
Decimal	9957337
CIELab	88.60, -31.32, 2.29
CIELCh	89, 31.401, 175.826
Yxy	73.3221, 0.2722, 0.3554
Android (android.graphics.Color)	4288147417 (0xFF97EFD9)
YUV	210.1800, 3.3623, -51.9009
Hunter-Lab	85.6283, -32.7927, 6.7359

Details

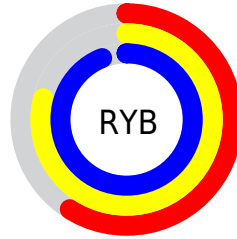
The YUV color $210.1800, 3.3623, -51.9009$ is a light color, and the websafe version is hex $99FFFF$. A complement of this color would be $179.8200, -3.3623, 51.9009$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9470, 6.9281, -28.8945$, and $154.2940, 3.7991, -52.0008$ is the 20% darker color. If you saturate the color by 10%, you get $202.3200, 4.2792, -66.0556$, and if you desaturate by 10%, it is $218.0400, 2.4453, -37.7461$.

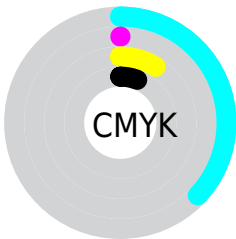
Distribution



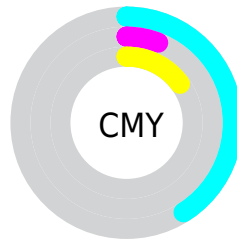
- Red (59%)
- Green (94%)
- Blue (85%)



- Red (59%)
- Yellow (79%)
- Blue (94%)



- Cyan (37%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)





- Cyan (41%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.1800, 3.3623, -51.9009 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 210.1800, 3.3623, -51.9009 by changing the saturation by 10% instead.


 210.1800, 3.3623,
-51.9009


 210.1800, 3.3623,
-51.9009

255.0000, 0.0000,
0.0000


 181.5930, 3.6517,
-51.3861


 240.9470, 6.9281,
-28.8945


 154.2940, 3.7991,
-52.0008

 249.6180, 2.6533,
-11.0660

 127.1090, 4.3833,
-52.7156

 99.4400, 5.6991,
-54.7599

 70.8520, 7.4680,
-62.1372

 53.5550, 4.6564,
-46.9677

 36.9590, 1.9922,

-32.4130

■ 22.9390, -0.9559,
-20.1175

■ 0.0000, 0.0000,
0.0000

■ 210.1800, 3.3623,
-51.9009

■ 210.1800, 3.3623,
-51.9009

■ 202.3200, 4.2792,
-66.0556

■ 218.0400, 2.4453,
-37.7461

■ 194.4600, 5.1962,
-80.2104

■ 225.9000, 1.5283,
-23.5913

■ 186.6000, 6.1132,
-94.3652

■ 233.7600, 0.6113,
-9.4365

■ 178.7400, 7.0302,
-108.5200

■ 241.6200, -0.3057,
4.7183

■ 170.8800, 7.9472,
-122.6748

■ 244.6960, 1.1359,
9.0366

■ 163.3190, 8.7167,
-136.2148

■ 245.3800, 3.7567,
8.4367

■ 160.6990, 9.0224,
-140.9330

■ 245.6080, 4.6303,
8.2368

Harmonies

Analogous

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



213.7950, -12.7169, -27.8842



210.1800, 3.3623, -51.9009



208.5170, 18.9721, -65.3514

Triad

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



210.1800, 3.3623, -51.9009



222.2400, 16.1507, -0.2105



218.7640, -22.0687, 31.7790

Complementary

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



210.1800, 3.3623, -51.9009



179.8200, -3.3623, 51.9009

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.



217.3910, -9.5598, 32.9831



210.1800, 3.3623, -51.9009



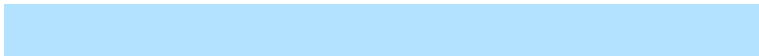
226.2370, 14.1802, 25.2252

Square

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



210.1800, 3.3623, -51.9009



215.2530, 19.5953, -31.7939



220.2240, 3.8336, 30.4986



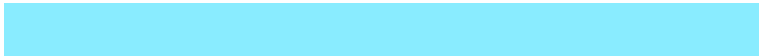
221.2870, -28.7355, 23.4273

Rectangle

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



210.1800, 3.3623, -51.9009



208.5650, 22.8925, -62.7625



220.2240, 3.8336, 30.4986



217.8010, -18.1429, 32.6235

Sweetspot

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



210.1800, 3.3623, -51.9009



245.8300, 1.0698, -16.5139



209.2340, -28.7094, -31.7772



122.3470, 0.3219, -9.9513



0.0000, 0.0000, 0.0000



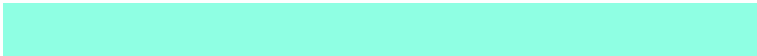
128.0000, 0.0000, 0.0000

Same Dimension

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



210.1800, 3.3623, -51.9009



218.3200, 4.2792, -66.0556



199.7740, 19.3384, -42.7748



116.0700, 0.4585, -7.0774



123.7400, 7.0302, -108.5200



37.6600, 2.1396, -33.0278

Inverse Universe

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



179.8200, -3.3623, 51.9009



179.6800, -4.2792, 66.0556



190.2260, -19.3384, 42.7748



111.9300, -0.4585, 7.0774



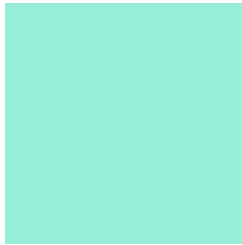
60.2600, -7.0302, 108.5200



18.3400, -2.1396, 33.0278

Previews

White Background



This preview shows how the YUV color 210.1800, 3.3623, -51.9009 looks on a white background.

Color Contrast Check

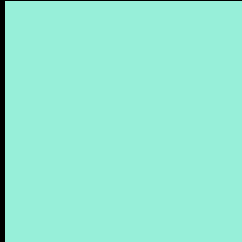
Large Text (above 18pt) WCAG AA × Fail

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 210.1800, 3.3623, -51.9009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

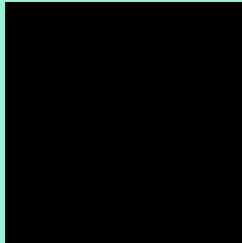
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

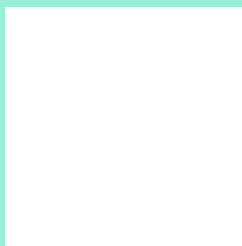
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 210.1800, 3.3623, -51.9009

Background



This preview shows how black text looks on a background with the YUV color 210.1800, 3.3623, -51.9009.



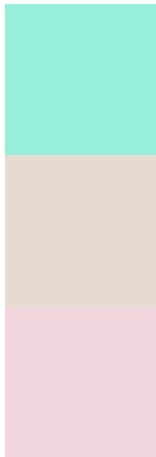
This preview shows how white text looks on a background with the YUV color 210.1800, 3.3623, -51.9009.

-51.9009.

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

210.1800, 3.3623, -51.9009

Protanopia

221.2090, -7.0050, 6.8327

Deuteranopia

223.2840, -0.6330, 16.4139



Tritanopia

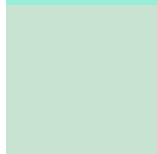
214.0400, 19.2073, -47.3931

Trichromacy



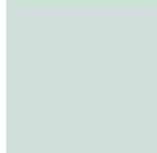
Original Color

210.1800, 3.3623, -51.9009



Protanomaly

217.4020, -3.1562, -14.3846



Deuteranomaly

218.4720, 0.7533, -8.3069



Tritanomaly

212.8350, 13.3923, -48.9673

Monochromacy



Original Color

210.1800, 3.3623, -51.9009



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.5200, 1.2226, -18.8730

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.1800, 3.3623, -51.9009 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(151, 239, 217)` looks like.

```
.text, #text, p{  
    color:rgb(151, 239, 217)  
}
```

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(151, 239, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 239, 217) }
```

Border

The CSS property to change the border of an element to YUV 210.1800, 3.3623, -51.9009 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(151, 239, 217) }
```


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

```
.border{ border-color:rgb(151, 239, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 239, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 239, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 239, 217);  
box-shadow:4px 4px 4px 4px rgb(151, 239,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 210.1800, 3.3623, -51.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 239, 217) }
```

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

```
.background{ background-color: rgb(151,  
239, 217) }
```

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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