

Converting Colors

XYZ(51.4557, 70.6687, 57.4225)

Have a look what the booklet for
XYZ(51.4557, 70.6687, 57.4225)
contains.

XYZ(51.3599, 70.4094, 57.3378)	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

**XYZ(51.3599, 70.4094,
57.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	94EDBA
RGB	148, 237, 186
RGB Percent	58%, 93%, 73%
CMY	0.4196, 0.0706, 0.2706
CMYK	0.38, 0.00, 0.22, 0.07
HSL	146°, 71%, 75%
HSV	146°, 38%, 93%
XYZ	51.3599, 70.4094, 57.3378
YIQ	204.5750, -36.6730, -34.7290

Conversions

Conversions Part 2

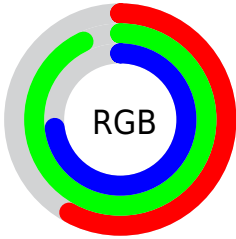
Format	Color
RYB	148, 210, 237
Decimal	9760186
CIELab	87.20, -37.56, 16.42
CIELCh	87, 40.994, 156.388
Yxy	70.4094, 0.2868, 0.3931
Android (android.graphics.Color)	4287950266 (0xFF94EDBA)
YUV	204.5750, -9.1575, -49.6163
Hunter-Lab	83.9103, -37.5866, 18.2230

Details

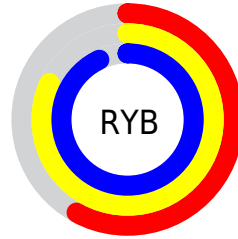
The XYZ color **51.3599, 70.4094, 57.3378** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.8262, 43.3096, 59.4530**, and the grayscale version is **57.8329, 60.8448, 66.2599**.

A 20% lighter version of the original color is **76.9638, 90.9099, 97.4953**, and **25.2717, 37.0684, 28.0133** is the 20% darker color. If you saturate the color by 10%, you get **46.1282, 67.8733, 49.9115**, and if you desaturate by 10%, it is **57.6103, 73.4587, 65.5313**.

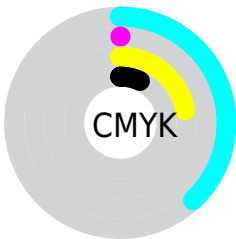
Distribution



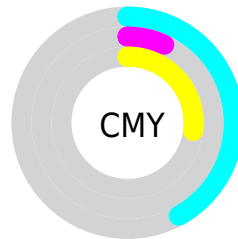
- Red (58%)
- Green (93%)
- Blue (73%)



- Red (58%)
- Yellow (82%)
- Blue (93%)



- Cyan (38%)
- Magenta (0%)
- Yellow (22%)
- Black (7%)





- Cyan (42%)
- Magenta (7%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3599, 70.4094, 57.3378 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 XYZ color 51.3599, 70.4094, 57.3378 by changing the saturation by 10% instead.


 51.3599, 70.4094,
57.3378


 51.3599, 70.4094,
57.3378


382.3251,
461.9862, 432.2430

 36.7173, 51.8604,
40.8653


 91.3664, 119.7924,
102.4631

 25.1614, 36.8938,
27.8950


 117.4610,
151.3952, 131.9531

 16.3267, 25.1253,
18.0082


148.1036,
188.1179, 166.6193

 9.8479, 16.1704,
10.7863

183.6597,
230.3452, 206.8803

 5.3597, 9.6448,
5.8110

224.4945,
278.4612, 253.1546

 2.4968, 5.1641,
2.6636

270.9735,

 0.8936, 2.3439,

332.8505, 305.8609

0.9250

323.4619,
393.8973, 365.4175

0.0000, 0.7968,
0.0000

0.0000, 0.0000,
0.0000

51.3599, 70.4094,
57.3378

51.3599, 70.4094,
57.3378

46.1282, 67.8733,
49.9115

57.6103, 73.4587,
65.5313

41.8518, 65.8123,
43.2249

64.9267, 77.0393,
74.5087

38.4688, 64.1969,
37.2560

73.3603, 81.1791,
84.2924

35.9069, 62.9903,
31.9796

82.9570, 85.9016,
94.9021

■ 34.0820, 62.1497,
27.3688

■ 89.4004, 88.9809,
106.1531

■ 32.8829, 61.6183,
23.3942

■ 89.5755, 89.0509,
107.0752

■ 32.6437, 61.5142,
22.5136

Harmonies

Analogous

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



56.5346, 70.4094, 41.4290



51.3599, 70.4094, 57.3378



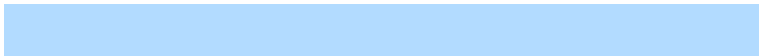
50.1671, 70.4094, 82.7120

Triad

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



51.3599, 70.4094, 57.3378



69.0018, 70.4094, 142.3025



82.9492, 70.4094, 49.3287

Complementary

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



51.3599, 70.4094, 57.3378



55.8262, 43.3096, 59.4530

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.



87.0451, 70.4094, 70.9180



51.3599, 70.4094, 57.3378



78.5097, 70.4094, 127.7226

Square

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



51.3599, 70.4094, 57.3378



59.7812, 70.4094, 136.1886



85.3474, 70.4094, 99.9073



74.6099, 70.4094, 37.6393

Rectangle

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



51.3599, 70.4094, 57.3378



51.6781, 70.4094, 102.7090



85.3474, 70.4094, 99.9073



84.9026, 70.4094, 55.4420

Sweetspot

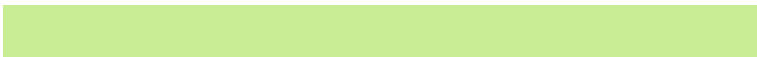
The Sweet Spot groups the original color and five complimentary colors.



51.3618, 70.4123, 57.3394



82.9918, 94.0704, 95.3873



59.4291, 74.9775, 39.3579



17.4703, 19.9909, 20.0779



0.0000, 0.0000, 0.0000



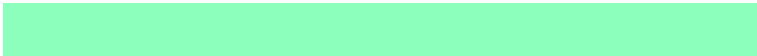
20.3446, 21.4041, 23.3091

Same Dimension

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



51.3618, 70.4123, 57.3394



55.8291, 80.8019, 60.9362



56.7237, 72.5571, 85.5749



15.1352, 16.9689, 17.3950



17.8842, 33.6082, 12.6212



1.4516, 2.6580, 1.2400

Inverse Universe

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



55.8262, 43.3096, 59.4530



61.7961, 44.5459, 63.7384



51.4685, 41.5666, 36.5058



15.4272, 15.1987, 17.5351



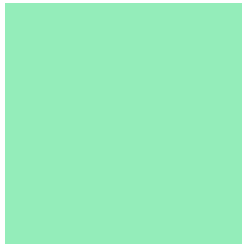
21.5538, 10.8242, 13.9836



1.7405, 0.8692, 1.3508

Previews

White Background



This preview shows how the XYZ color 51.3599, 70.4094, 57.3378 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 XYZ color 51.3599, 70.4094, 57.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

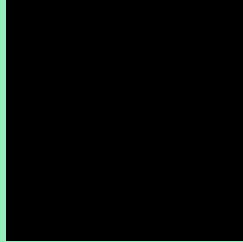
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3599, 70.4094, 57.3378

Background



This preview shows how black text looks on a background with the XYZ color 51.3599, 70.4094, 57.3378.



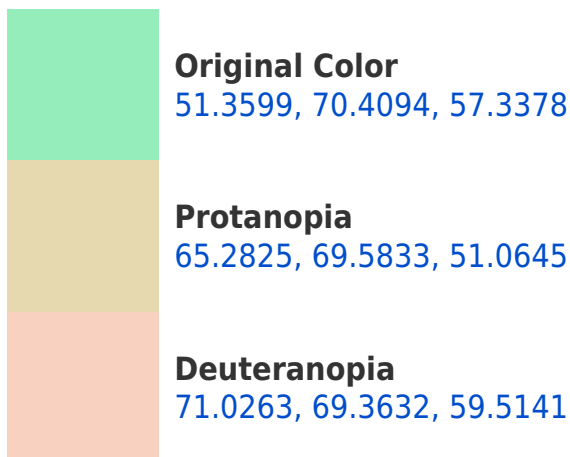
This preview shows how white text looks on a background with the XYZ color 51.3599, 70.4094,

57.3378.

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





Tritanopia

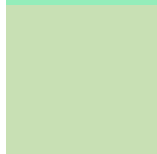
59.7081, 70.4354, 98.4441

Trichromacy



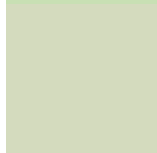
Original Color

51.3599, 70.4094, 57.3378



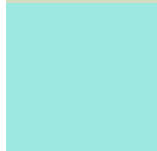
Protanomaly

58.7133, 68.8860, 53.3818



Deuteranomaly

61.7772, 68.3778, 58.6574



Tritanomaly

56.3518, 70.3176, 81.8368

Monochromacy



Original Color

51.3599, 70.4094, 57.3378



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.7731, 63.8933, 62.8719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3599, 70.4094, 57.3378 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(148, 237, 186)` looks like.

```
.text, #text, p{  
    color:rgb(148, 237, 186)  
}
```

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(148, 237, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 237, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.3599, 70.4094, 57.3378 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(148, 237, 186) }
```


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

```
.border{ border-color:rgb(148, 237, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 237, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 237, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 237, 186);  
box-shadow:4px 4px 4px 4px rgb(148, 237,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3599, 70.4094, 57.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 237, 186) }
```

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

```
.background{ background-color: rgb(148,  
237, 186) }
```

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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