

Converting Colors

XYZ(51.3822, 59.7105, 70.4458)

Have a look what the booklet for
XYZ(51.3822, 59.7105, 70.4458)
contains.

XYZ(51.4143, 59.7267, 70.4466)	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(51.4143, 59.7267,
70.4466)**

Conversions

Conversions Part 1

Format	Color
Hex	A9D3D3
RGB	169, 211, 211
RGB Percent	66%, 83%, 83%
CMY	0.3372, 0.1725, 0.1725
CMYK	0.20, 0.00, 0.00, 0.17
HSL	180°, 32%, 75%
HSV	180°, 20%, 83%
XYZ	51.4143, 59.7267, 70.4466
YIQ	198.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

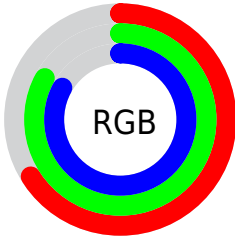
Format	Color
RYB	169, 190, 211
Decimal	11129811
CIELab	81.69, -13.68, -4.55
CIELCh	82, 14.414, 198.402
Yxy	59.7267, 0.2831, 0.3289
Android (android.graphics.Color)	4289319891 (0xFFA9D3D3)
YUV	198.4420, 6.1911, -25.8206
Hunter-Lab	77.2831, -16.4942, 0.0529

Details

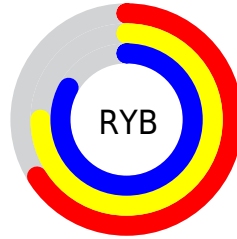
The XYZ color **51.4143, 59.7267, 70.4466** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2155, 45.0910, 43.7008**, and the grayscale version is **53.9212, 56.7293, 61.7782**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **25.1767, 29.9243, 36.3473** is the 20% darker color. If you saturate the color by 10%, you get **47.2482, 57.5806, 70.2520**, and if you desaturate by 10%, it is **56.3144, 62.2543, 70.6781**.

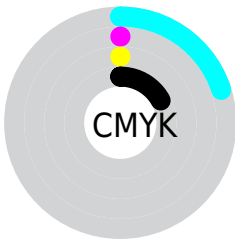
Distribution



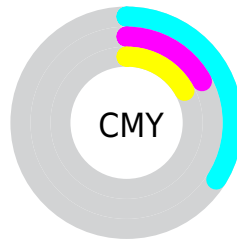
- Red (66%)
- Green (83%)
- Blue (83%)



- Red (66%)
- Yellow (75%)
- Blue (83%)



- Cyan (20%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (34%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4143, 59.7267, 70.4466 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 51.4143, 59.7267, 70.4466 by changing the saturation by 10% instead.

■ 51.4143, 59.7267,
70.4466

■ 51.4143, 59.7267,
70.4466

382.5325,
423.5897, 480.9480

■ 36.7608, 43.1984,
51.4117

■ 91.4462, 104.4331,
121.5325

■ 25.1952, 30.0408,
36.1573

117.5554,
133.3800, 154.4205

■ 16.3520, 19.8696,
24.2651

148.2138,
167.2352, 192.7633

■ 9.8660, 12.3003,
15.3164

183.7869,
206.3831, 236.9795

■ 5.3718, 6.9485,
8.8926

224.6399,
251.2081, 287.4875

■ 2.5040, 3.4299,
4.5754

271.1383,

■ 0.8973, 1.3601,

302.0946, 344.7058

1.9460

323.6474,
359.4270, 409.0532

■ 0.0000, 0.1870,
0.5218

■ 0.0000, 0.0000,
0.0000

■ 51.4143, 59.7267,
70.4466

■ 51.4143, 59.7267,
70.4466

■ 47.2482, 57.5806,
70.2520

■ 56.3144, 62.2543,
70.6781

■ 43.7759, 55.7905,
70.0885

■ 61.9759, 65.1729,
70.9440

■ 40.9612, 54.3396,
69.9559

■ 68.4312, 68.5007,
71.2471

■ 38.7628, 53.2063,
69.8520

■ 75.7093, 72.2527,
71.5886

■ 37.1345, 52.3668,
69.7749

■ 76.2943, 72.5543,
71.6169

■ 36.0236, 51.7942,
69.7220

■ 76.2945, 72.5543,
71.6179

■ 35.3678, 51.4561,
69.6904

■ 76.2946, 72.5544,
71.6188

■ 35.0544, 51.2946,
69.6748

■ 76.2948, 72.5545,
71.6197

■ 35.0520, 51.2933,
69.6746

■ 76.2950, 72.5545,
71.6207

Harmonies

Analogous

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



51.2469, 59.7267, 61.7328



51.4143, 59.7267, 70.4466



52.9852, 59.7267, 78.3344

Triad

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



51.4143, 59.7267, 70.4466



61.2407, 59.7267, 76.7590



57.9486, 59.7267, 50.0094

Complementary

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



51.4143, 59.7267, 70.4466



48.2155, 45.0910, 43.7008

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.



60.7276, 59.7267, 53.3283



51.4143, 59.7267, 70.4466



62.6730, 59.7267, 68.4472

Square

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



51.4143, 59.7267, 70.4466



58.6288, 59.7267, 82.1965



62.4819, 59.7267, 59.9026



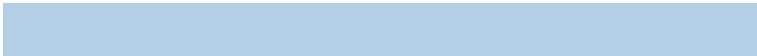
54.9479, 59.7267, 50.4410

Rectangle

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



51.4143, 59.7267, 70.4466



54.6494, 59.7267, 81.8246



62.4819, 59.7267, 59.9026



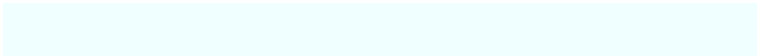
58.9416, 59.7267, 50.7105

Sweetspot

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



51.4160, 59.7291, 70.4479



89.6432, 97.2127, 108.6461



46.9702, 57.9682, 46.2505



19.0671, 20.7455, 23.2491



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.



51.4160, 59.7291, 70.4479



76.0062, 90.1826, 108.0053



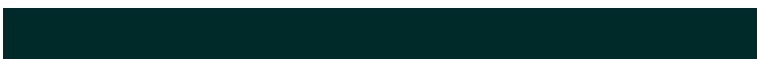
46.6872, 50.2709, 68.8734



12.1584, 13.4071, 15.1905



21.1529, 30.9541, 42.0468



1.1827, 1.7308, 2.3510

Inverse Universe

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



48.2155, 45.0910, 43.7008



70.2029, 63.6409, 59.5075



52.2897, 53.2399, 45.0575



11.8088, 11.8083, 12.2690



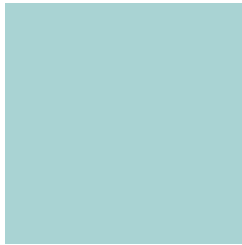
16.2125, 8.3578, 0.7591



0.9065, 0.4673, 0.0425

Previews

White Background



This preview shows how the XYZ color 51.4143, 59.7267, 70.4466 looks on a white background.

Color Contrast Check

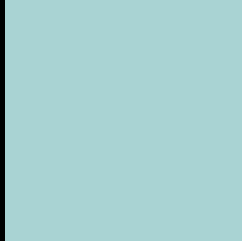
Large Text (above 18pt) WCAG AA × Fail

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 51.4143, 59.7267, 70.4466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

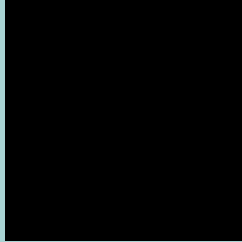
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4143, 59.7267, 70.4466

Background



This preview shows how black text looks on a background with the XYZ color 51.4143, 59.7267, 70.4466.



This preview shows how white text looks on a background with the XYZ color 51.4143, 59.7267,

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

51.4143, 59.7267, 70.4466

Protanopia

57.0829, 59.1602, 66.1681

Deuteranopia

60.7191, 59.5393, 71.9103



Tritanopia

53.4043, 59.8078, 79.9635

Trichromacy



Original Color

51.4143, 59.7267, 70.4466

Protanomaly

54.8320, 59.3741, 67.6019

Deuteranomaly

56.9502, 59.3245, 71.4000

Tritanomaly

52.7594, 59.9184, 76.4948

Monochromacy



Original Color

51.4143, 59.7267, 70.4466

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.6289, 57.5885, 64.8418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4143, 59.7267, 70.4466 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(169, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(169, 211, 211)  
}
```

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(169, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 211, 211) }
```

Border

The CSS property to change the border of an element to XYZ 51.4143, 59.7267, 70.4466 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(169, 211, 211) }
```


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

```
.border{ border-color:rgb(169, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(169, 211,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4143, 59.7267, 70.4466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 211, 211) }
```

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

```
.background{ background-color: rgb(169,  
211, 211) }
```

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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