

Converting Colors

XYZ(50.9584, 59.4819, 78.4520)

Have a look what the booklet for
XYZ(50.9584, 59.4819, 78.4520)
contains.

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Color

**XYZ(50.9116, 59.2872,
78.5723)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD3DF
RGB	159, 211, 223
RGB Percent	62%, 83%, 87%
CMY	0.3765, 0.1725, 0.1255
CMYK	0.29, 0.05, 0.00, 0.13
HSL	191°, 50%, 75%
HSV	191°, 29%, 87%
XYZ	50.9116, 59.2872, 78.5723
YIQ	196.8200, -34.8440, -7.2920

Conversions

Conversions Part 2

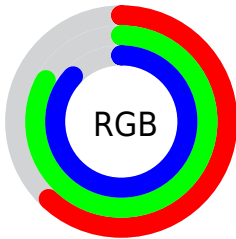
Format	Color
R _Y B	159, 188, 223
Decimal	10474463
CIE Lab	81.45, -13.97, -11.37
CIE LCh	81, 18.018, 219.145
Yxy	59.2872, 0.2697, 0.3141
Android (android.graphics.Color)	4288664543 (0xFF9FD3DF)
YUV	196.8200, 12.9067, -33.1681
Hunter-Lab	76.9982, -16.7217, -6.6034

Details

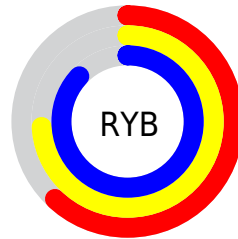
The XYZ color **50.9116, 59.2872, 78.5723** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.2530, 47.3173, 39.2339**, and the grayscale version is **52.9035, 55.6586, 60.6122**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **24.7820, 29.6073, 41.4544** is the 20% darker color. If you saturate the color by 10%, you get **45.8574, 55.1613, 78.0433**, and if you desaturate by 10%, it is **56.7941, 63.8831, 79.1504**.

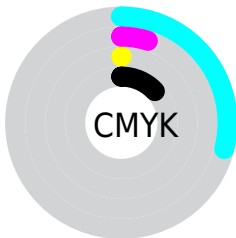
Distribution



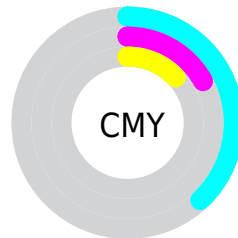
- Red (62%)
- Green (83%)
- Blue (87%)



- Red (62%)
- Yellow (74%)
- Blue (87%)



- Cyan (29%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)





- Cyan (38%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9116, 59.2872, 78.5723 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 50.9116, 59.2872, 78.5723 by changing the saturation by 10% instead.


 50.9116, 59.2872,
78.5723

 50.9116, 59.2872,
78.5723


380.6136,
421.9654, 509.6876

 36.3590, 42.8444,
58.0250


 90.7079, 103.7950,
133.1498

 24.8830, 29.7630,
41.4139


 116.6822,
132.6287, 168.0170

 16.1182, 19.6588,
28.3205

147.1946,
166.3615, 208.4946

 9.6992, 12.1473,
18.3263

182.6103,
205.3777, 255.0012

 5.2607, 6.8440,
11.0126

223.2947,
250.0619, 307.9552

 2.4373, 3.3648,
5.9610

269.6131,

 0.8638, 1.3250,

300.7983, 367.7753

2.7530

321.9310,
357.9713, 434.8799

■ 0.0000, 0.1604,
0.9699

■ 0.0000, 0.0000,
0.0000

■ 50.9116, 59.2872,
78.5723

■ 50.9116, 59.2872,
78.5723

■ 45.8574, 55.1613,
78.0433

■ 56.7941, 63.8831,
79.1504

■ 41.5832, 51.4758,
77.5572

■ 63.5395, 68.9628,
79.7753

■ 38.0434, 48.2085,
77.1131

■ 71.1868, 74.5481,
80.4503

■ 35.1857, 45.3320,
76.7085

■ 79.7710, 80.6575,
81.1771

■ 32.9506, 42.8153,
76.3405

■ 83.3897, 84.2482,
81.6795

■ 31.2678, 40.6218,
76.0059

■ 84.5799, 86.6286,
82.0762

■ 30.0308, 38.6965,
75.6994

■ 85.7982, 89.0653,
82.4823

■ 29.8835, 38.4558,
75.6607

■ 87.0450, 91.5588,
82.8979

■ 88.3203, 94.1093,
83.3230

Harmonies

Analogous

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



49.4900, 59.2872, 67.9111



50.9116, 59.2872, 78.5723



53.8083, 59.2872, 85.9716

Triad

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



50.9116, 59.2872, 78.5723



63.4027, 59.2872, 72.2332



55.2060, 59.2872, 46.1434

Complementary

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



50.9116, 59.2872, 78.5723



51.2530, 47.3173, 39.2339

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.



58.9720, 59.2872, 47.0257



50.9116, 59.2872, 78.5723



63.8178, 59.2872, 61.3087

Square

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



50.9116, 59.2872, 78.5723



61.0538, 59.2872, 82.0376



62.1640, 59.2872, 52.3103



51.8956, 59.2872, 49.7491

Rectangle

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



50.9116, 59.2872, 78.5723



56.2426, 59.2872, 87.6264



62.1640, 59.2872, 52.3103



56.4590, 59.2872, 45.9345

Sweetspot

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



50.9134, 59.2896, 78.5737



85.7478, 93.1898, 108.0758



48.0122, 63.0775, 48.0408



18.0520, 19.7222, 23.1053



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.



50.9134, 59.2896, 78.5737



65.0549, 77.1628, 106.0729



43.7921, 45.0471, 76.1999



13.8867, 15.1126, 17.5728



17.6489, 22.7674, 44.5127



1.2805, 1.6924, 3.1044

Inverse Universe

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



54.5889, 45.1888, 67.4759



70.8407, 55.5932, 88.4624



57.9836, 60.7784, 41.4775



14.1791, 13.8893, 16.7130



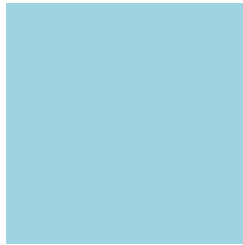
22.8486, 11.2064, 26.9320



1.6126, 0.7883, 2.0187

Previews

White Background



This preview shows how the XYZ color 50.9116, 59.2872, 78.5723 looks on a white background.

Color Contrast Check

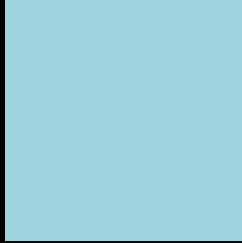
Large Text (above 18pt) WCAG AA × Fail

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 50.9116, 59.2872, 78.5723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

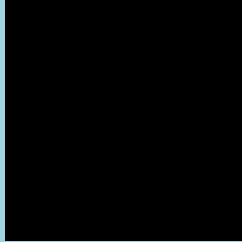
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.9116, 59.2872, 78.5723

Background



This preview shows how black text looks on a background with the XYZ color 50.9116, 59.2872, 78.5723.

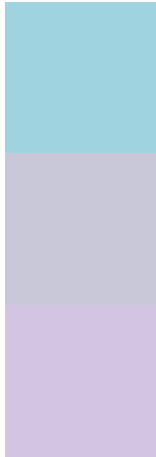


This preview shows how white text looks on a background with the XYZ color 50.9116, 59.2872,

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

50.9116, 59.2872, 78.5723

Protanopia

57.1363, 58.6839, 73.2815

Deuteranopia

60.0457, 58.6725, 80.1117



Tritanopia

51.4089, 59.1128, 81.3734

Trichromacy



Original Color

50.9116, 59.2872, 78.5723

Protanomaly

54.6287, 58.7393, 75.4764

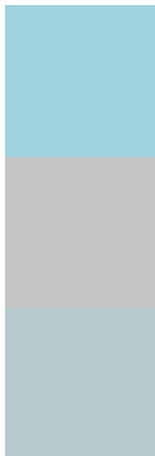
Deuteranomaly

55.9631, 58.2859, 79.5349

Tritanomaly

51.2713, 59.0578, 80.6485

Monochromacy



Original Color

50.9116, 59.2872, 78.5723

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.7895, 56.7646, 66.6196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9116, 59.2872, 78.5723 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(159, 211, 223)` looks like.

```
.text, #text, p{  
    color:rgb(159, 211, 223)  
}
```

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(159, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 211, 223) }
```

Border

The CSS property to change the border of an element to XYZ 50.9116, 59.2872, 78.5723 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(159, 211, 223) }
```


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

```
.border{ border-color:rgb(159, 211, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 211, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(159, 211,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9116, 59.2872, 78.5723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 211, 223) }
```

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

```
.background{ background-color: rgb(159,  
211, 223) }
```

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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