

Converting Colors

XYZ(59.2295, 73.2962, 79.4183)

Have a look what the booklet for
XYZ(59.2295, 73.2962, 79.4183)
contains.

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Color

**XYZ(59.1217, 73.0721,
79.3949)**

Conversions

Conversions Part 1

Format	Color
Hex	A9EBDD
RGB	169, 235, 221
RGB Percent	66%, 92%, 87%
CMY	0.3372, 0.0784, 0.1333
CMYK	0.28, 0.00, 0.06, 0.08
HSL	167°, 62%, 79%
HSV	167°, 28%, 92%
XYZ	59.1217, 73.0721, 79.3949
YIQ	213.6700, -34.8420, -18.3460

Conversions

Conversions Part 2

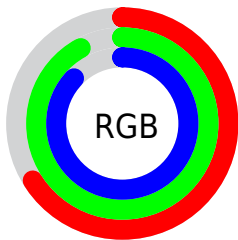
Format	Color
RYB	169, 206, 235
Decimal	11135965
CIELab	88.48, -23.54, 0.13
CIELCh	88, 23.539, 179.691
Yxy	73.0721, 0.2794, 0.3453
Android (android.graphics.Color)	4289326045 (0xFFA9EBDD)
YUV	213.6700, 3.6137, -39.1756
Hunter-Lab	85.4822, -26.1387, 4.7697

Details

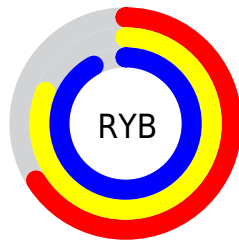
The XYZ color **59.1217, 73.0721, 79.3949** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.9987, 49.4591, 51.3452**, and the grayscale version is **63.6897, 67.0065, 72.9701**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **30.0733, 38.6382, 41.9493** is the 20% darker color. If you saturate the color by 10%, you get **53.8721, 70.4434, 75.7341**, and if you desaturate by 10%, it is **65.3013, 76.1818, 83.2053**.

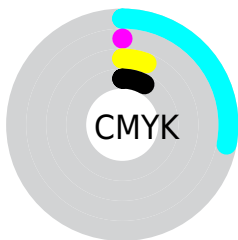
Distribution



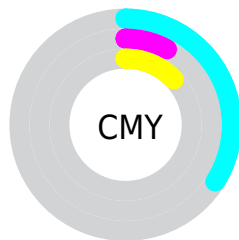
- Red (66%)
- Green (92%)
- Blue (87%)



- Red (66%)
- Yellow (81%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (34%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1217, 73.0721, 79.3949 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 59.1217, 73.0721, 79.3949 by changing the saturation by 10% instead.

■ 59.1217, 73.0721,
79.3949

■ 59.1217, 73.0721,
79.3949

411.2396,
471.2647, 512.5442

■ 42.9578, 54.0349,
58.6973

■ 102.6681,
123.5796, 134.3184

■ 30.0464, 38.6296,
41.9511

130.7814,
155.8186, 169.3813

■ 20.0221, 26.4717,
28.7377

163.6086,
193.2271, 210.0698

■ 12.5194, 17.1768,
18.6386

201.5149,
236.1894, 256.8024

■ 7.1732, 10.3607,
11.2353

244.8659,
285.0899, 309.9975

■ 3.6179, 5.6387,
6.1092

294.0267,

■ 1.4883, 2.6267,

340.3130, 370.0739

2.8417

349.3628,
402.2432, 437.4499

■ 0.3179, 0.9401,
1.0144

■ 0.0000, 0.0000,
0.0000

■ 59.1217, 73.0721,
79.3949

■ 59.1217, 73.0721,
79.3949

■ 53.8721, 70.4434,
75.7341

■ 65.3013, 76.1818,
83.2053

■ 49.4976, 68.2616,
72.2148

■ 72.4497, 79.7867,
87.1634

■ 45.9469, 66.5022,
68.8353

■ 80.6111, 83.9116,
91.2736

■ 43.1608, 65.1349,
65.5919

■ 86.8185, 87.0268,
95.3979

■ 41.0723, 64.1249,
62.4806

■ 87.5735, 87.3288,
99.3735

■ 39.6020, 63.4315,
59.4967

■ 88.3490, 87.6390,
103.4573

■ 38.6396, 62.9977,
56.6340

■ 88.9996, 87.8992,
106.8832

■ 38.4820, 62.9282,
56.0982

Harmonies

Analogous

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



60.4687, 73.0721, 64.8378



59.1217, 73.0721, 79.3949



60.4151, 73.0721, 96.0335

Triad

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



59.1217, 73.0721, 79.3949



74.9880, 73.0721, 109.8502



75.0952, 73.0721, 55.5598

Complementary

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



59.1217, 73.0721, 79.3949



56.9987, 49.4591, 51.3452

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.



79.3497, 73.0721, 65.0925



59.1217, 73.0721, 79.3949



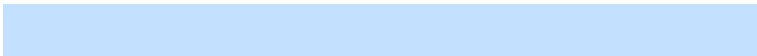
79.2855, 73.0721, 96.3644

Square

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



59.1217, 73.0721, 79.3949



69.3941, 73.0721, 115.0055



80.9224, 73.0721, 79.7315



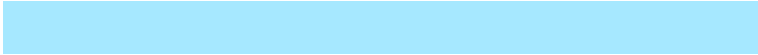
69.5116, 73.0721, 52.2717

Rectangle

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



59.1217, 73.0721, 79.3949



62.6431, 73.0721, 105.7961



80.9224, 73.0721, 79.7315



76.7390, 73.0721, 58.0701

Sweetspot

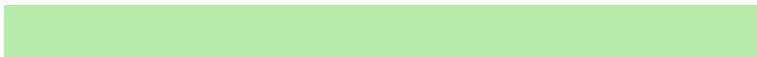
The Sweet Spot groups the original color and five complimentary colors.



59.1238, 73.0751, 79.3966



87.2499, 96.0585, 104.9385



56.4720, 72.3884, 48.5335



18.3801, 20.4116, 22.3045



0.0000, 0.0000, 0.0000



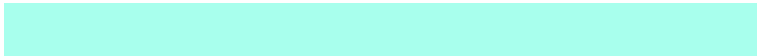
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1238, 73.0751, 79.3966



67.2009, 85.9692, 92.8711



55.9927, 63.7014, 87.9451



15.3728, 17.0640, 18.6462



21.4647, 35.0403, 31.4756



1.7196, 2.7652, 2.6514

Inverse Universe

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



56.9987, 49.4591, 51.3452



64.2350, 52.9509, 53.6772



59.3440, 56.3674, 45.2898



15.1962, 15.1063, 16.3186



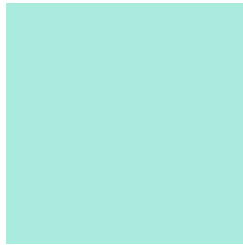
19.4243, 9.9724, 2.7698



1.5598, 0.7969, 0.3993

Previews

White Background



This preview shows how the XYZ color 59.1217, 73.0721, 79.3949 looks on a white background.

Color Contrast Check

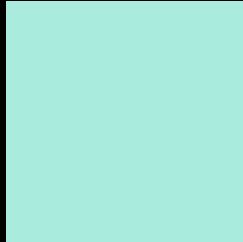
Large Text (above 18pt) WCAG AA × Fail

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 59.1217, 73.0721, 79.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

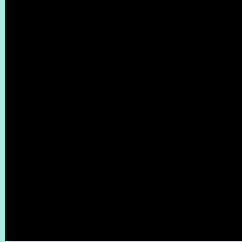
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

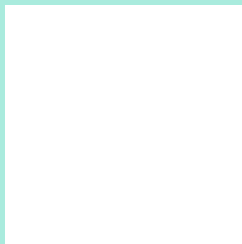
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1217, 73.0721, 79.3949

Background



This preview shows how black text looks on a background with the XYZ color 59.1217, 73.0721, 79.3949.

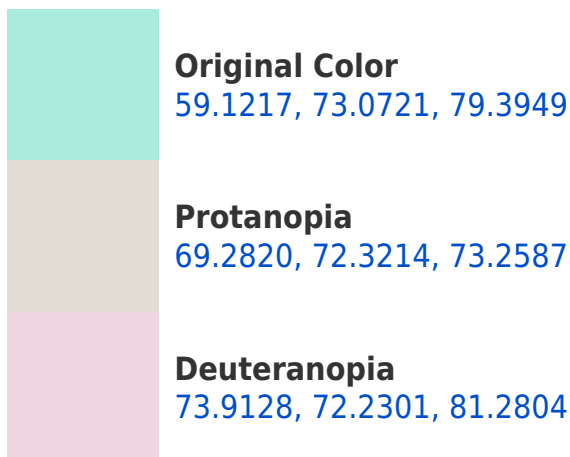


This preview shows how white text looks on a background with the XYZ color 59.1217, 73.0721,

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

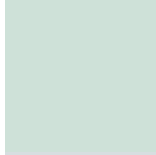
63.3540, 73.1053, 100.3942

Trichromacy



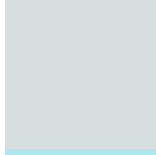
Original Color

59.1217, 73.0721, 79.3949



Protanomaly

64.7735, 71.9301, 75.4357



Deuteranomaly

67.6002, 72.0714, 80.8693



Tritanomaly

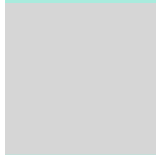
61.6702, 72.8295, 92.4685

Monochromacy



Original Color

59.1217, 73.0721, 79.3949



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.9344, 69.2581, 75.7495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1217, 73.0721, 79.3949 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, 235, 221)` looks like.

```
.text, #text, p{  
    color:rgb(169, 235, 221)  
}
```

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, 235, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 235, 221) }
```

Border

The CSS property to change the border of an element to XYZ 59.1217, 73.0721, 79.3949 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, 235, 221) }
```


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

```
.border{ border-color:rgb(169, 235, 221) }
```

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

Here you see how a box with a 4 pixel rgb(169, 235, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 235, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 235, 221);  
box-shadow:4px 4px 4px 4px rgb(169, 235,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1217, 73.0721, 79.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 235, 221) }
```

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

```
.background{ background-color: rgb(169,  
235, 221) }
```

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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