

Converting Colors

XYZ(60.2339, 72.5851, 79.5259)

Have a look what the booklet for
XYZ(60.2339, 72.5851, 79.5259)
contains.

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Color

**XYZ(60.3215, 72.8454,
79.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E9DD
RGB	177, 233, 221
RGB Percent	69%, 91%, 87%
CMY	0.3059, 0.0863, 0.1333
CMYK	0.24, 0.00, 0.05, 0.09
HSL	167°, 56%, 80%
HSV	167°, 24%, 91%
XYZ	60.3215, 72.8454, 79.2879
YIQ	214.8880, -29.5240, -15.6040

Conversions

Conversions Part 2

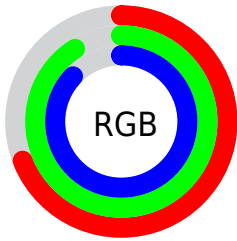
Format	Color
RYB	177, 208, 233
Decimal	11659741
CIELab	88.37, -20.20, 0.02
CIElCh	88, 20.205, 179.939
Yxy	72.8454, 0.2839, 0.3429
Android (android.graphics.Color)	4289849821 (0xFFB1E9DD)
YUV	214.8880, 3.0132, -33.2278
Hunter-Lab	85.3495, -23.2053, 4.6655

Details

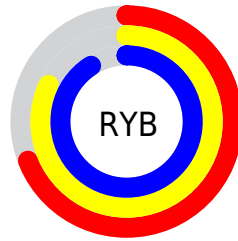
The XYZ color **60.3215, 72.8454, 79.2879** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.5143, 52.4439, 55.1857**, and the grayscale version is **64.5118, 67.8714, 73.9119**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **30.7735, 38.4084, 41.8680** is the 20% darker color. If you saturate the color by 10%, you get **54.8056, 70.0795, 75.6091**, and if you desaturate by 10%, it is **66.7675, 76.0923, 83.1166**.

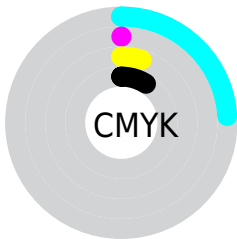
Distribution



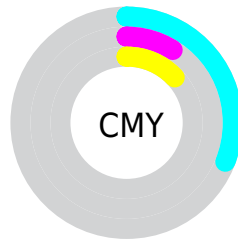
- Red (69%)
- Green (91%)
- Blue (87%)



- Red (69%)
- Yellow (82%)
- Blue (91%)



- Cyan (24%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3215, 72.8454, 79.2879 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 60.3215, 72.8454, 79.2879 by changing the saturation by 10% instead.

60.3215, 72.8454,
79.2879

60.3215, 72.8454,
79.2879

415.5976,
470.4788, 512.1731

43.9283, 53.8496,
58.6098

104.3996,
123.2577, 134.1664

30.8118, 38.4814,
41.8812

132.8152,
155.4430, 169.2040

20.6067, 26.3565,
28.6834

165.9689,
192.7935, 209.8651

12.9476, 17.0906,
18.5979

204.2262,
235.6937, 256.5683

7.4692, 10.2991,
11.2062

247.9523,
284.5279, 309.7322

3.8062, 5.5977,
6.0898

297.5127,

1.5931, 2.6020,

339.6806, 369.7752

2.8301

353.2727,
401.5361, 437.1160

■ 0.3879, 0.9277,
1.0086

■ 0.0000, 0.0000,
0.0000

■ 60.3215, 72.8454,
79.2879

■ 60.3215, 72.8454,
79.2879

■ 54.8056, 70.0795,
75.6091

■ 66.7675, 76.0923,
83.1166

■ 50.1674, 67.7619,
72.0723

■ 74.1802, 79.8334,
87.0933

■ 46.3587, 65.8697,
68.6759

■ 82.6020, 84.0923,
91.2222

■ 43.3242, 64.3743,
65.4163

■ 86.2541, 85.8900,
95.2339

■ 41.0015, 63.2437,
62.2898

■ 87.0104, 86.1925,
99.2168

■ 39.3185, 62.4407,
59.2920

■ 87.7874, 86.5033,
103.3082

■ 38.1874, 61.9201,
56.4179

■ 88.4302, 86.7605,
106.6934

■ 37.6942, 61.7021,
54.7581

Harmonies

Analogous

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



61.4733, 72.8454, 66.6721



60.3215, 72.8454, 79.2879



61.4642, 72.8454, 93.4109

Triad

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



60.3215, 72.8454, 79.2879



73.9982, 72.8454, 104.7929



74.0161, 72.8454, 58.3677

Complementary

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



60.3215, 72.8454, 79.2879



58.5143, 52.4439, 55.1857

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.



77.6398, 72.8454, 66.7159



60.3215, 72.8454, 79.2879



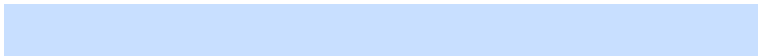
77.6291, 72.8454, 93.4657

Square

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



60.3215, 72.8454, 79.2879



69.2275, 72.8454, 109.1444



78.9911, 72.8454, 79.3446



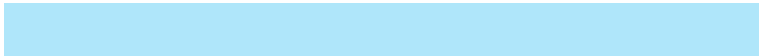
69.2473, 72.8454, 55.4874

Rectangle

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



60.3215, 72.8454, 79.2879



63.4054, 72.8454, 101.5713



78.9911, 72.8454, 79.3446



75.4164, 72.8454, 60.5754

Sweetspot

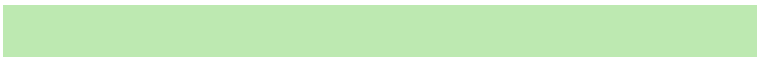
The Sweet Spot groups the original color and five complimentary colors.



60.3236, 72.8484, 79.2895



88.1752, 96.5264, 105.3950



58.0963, 72.2911, 52.4877



18.7524, 20.5996, 22.4951



0.0000, 0.0000, 0.0000



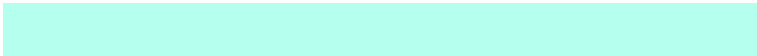
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3236, 72.8484, 79.2895



70.4300, 87.5907, 94.9725



57.6889, 64.9274, 86.5860



15.3714, 17.0634, 18.6385



21.4350, 35.0285, 31.3194



1.7175, 2.7643, 2.6404

Inverse Universe

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



58.5143, 52.4439, 55.1857



67.8406, 58.3547, 60.4511



60.5830, 58.5811, 49.7104



15.1976, 15.1069, 16.3258



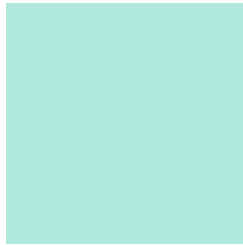
19.4308, 9.9750, 2.8038



1.5605, 0.7972, 0.4029

Previews

White Background



This preview shows how the XYZ color 60.3215, 72.8454, 79.2879 looks on a white background.

Color Contrast Check

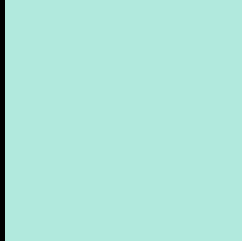
Large Text (above 18pt) WCAG AA × Fail

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 60.3215, 72.8454, 79.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

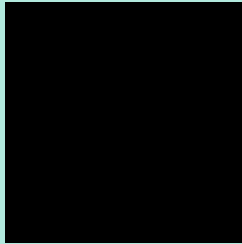
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

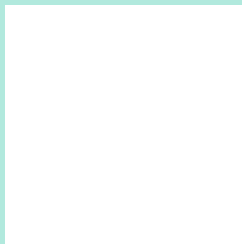
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3215, 72.8454, 79.2879

Background



This preview shows how black text looks on a background with the XYZ color 60.3215, 72.8454, 79.2879.

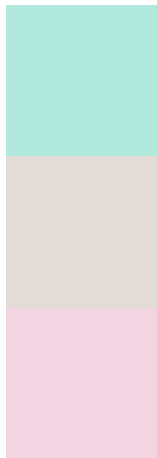


This preview shows how white text looks on a background with the XYZ color 60.3215, 72.8454,

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

60.3215, 72.8454, 79.2879

Protanopia

69.4094, 72.3723, 73.9293

Deuteranopia

73.9128, 72.2301, 81.2804



Tritanopia

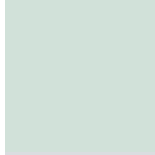
64.0992, 72.6991, 98.6496

Trichromacy



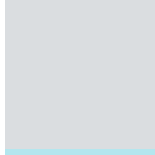
Original Color

60.3215, 72.8454, 79.2879



Protanomaly

65.7441, 72.4155, 76.1581



Deuteranomaly

68.2244, 72.0001, 80.8226



Tritanomaly

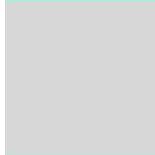
62.5518, 72.4700, 91.5802

Monochromacy



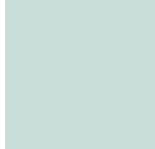
Original Color

60.3215, 72.8454, 79.2879



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.7331, 69.6698, 75.7869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3215, 72.8454, 79.2879 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(177, 233, 221)` looks like.

```
.text, #text, p{  
    color:rgb(177, 233, 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(177, 233, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 233, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.3215, 72.8454, 79.2879 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(177, 233, 221) }
```


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

```
.border{ border-color:rgb(177, 233, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 233, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 233, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 233, 221);  
box-shadow:4px 4px 4px 4px rgb(177, 233,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3215, 72.8454, 79.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 233, 221) }
```

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

```
.background{ background-color: rgb(177,  
233, 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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