

Converting Colors

XYZ(59.0824, 72.4188, 75.0587)

Have a look what the booklet for
XYZ(59.0824, 72.4188, 75.0587)
contains.

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Color

**XYZ(59.0839, 72.2981,
75.1309)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE9D7
RGB	175, 233, 215
RGB Percent	69%, 91%, 84%
CMY	0.3137, 0.0863, 0.1569
CMYK	0.25, 0.00, 0.08, 0.09
HSL	161°, 57%, 80%
HSV	161°, 25%, 91%
XYZ	59.0839, 72.2981, 75.1309
YIQ	213.6060, -28.7900, -17.8940

Conversions

Conversions Part 2

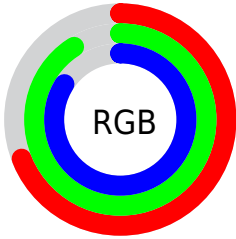
Format	Color
RYB	175, 209, 233
Decimal	11528663
CIELab	88.11, -22.03, 2.77
CIELCh	88, 22.208, 172.833
Yxy	72.2981, 0.2861, 0.3501
Android (android.graphics.Color)	4289718743 (0xFFAFE9D7)
YUV	213.6060, 0.6872, -33.8575
Hunter-Lab	85.0283, -24.7646, 7.1312

Details

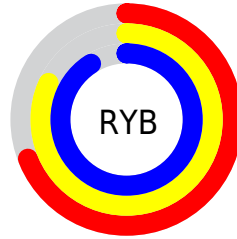
The XYZ color **59.0839, 72.2981, 75.1309** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.5625, 51.8358, 57.3739**, and the grayscale version is **63.6628, 66.9783, 72.9393**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **29.9525, 38.0473, 39.0229** is the 20% darker color. If you saturate the color by 10%, you get **53.3903, 69.4699, 70.1212**, and if you desaturate by 10%, it is **65.7250, 75.6139, 80.4025**.

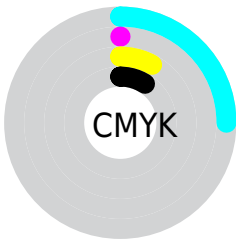
Distribution



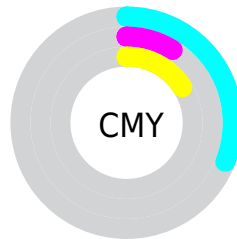
- Red (69%)
- Green (91%)
- Blue (84%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0839, 72.2981, 75.1309 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 59.0839, 72.2981, 75.1309 by changing the saturation by 10% instead.

■ 59.0839, 72.2981,
75.1309

■ 59.0839, 72.2981,
75.1309

411.1018,
468.5785, 497.6348

■ 42.9273, 53.4022,
55.2178

■ 102.6135,
122.4803, 128.2464

■ 30.0223, 38.1240,
39.1763

130.7173,
154.5353, 162.2859

■ 20.0037, 26.0789,
26.5880

163.5341,
191.7456, 201.8713

■ 12.5060, 16.8827,
17.0344

201.4293,
234.4954, 247.4210

■ 7.1639, 10.1509,
10.0968

244.7684,
283.1692, 299.3537

■ 3.6121, 5.4991,
5.3567

293.9166,

■ 1.4851, 2.5430,

338.1514, 358.0879

2.3957

349.2393,
399.8264, 424.0420

■ 0.3157, 0.8981,
0.7841

■ 0.0000, 0.0000,
0.0000

■ 59.0839, 72.2981,
75.1309

■ 59.0839, 72.2981,
75.1309

■ 53.3903, 69.4699,
70.1212

■ 65.7250, 75.6139,
80.4025

■ 48.5911, 67.0962,
65.3635

■ 73.3511, 79.4307,
85.9359

■ 44.6376, 65.1537,
60.8543

■ 82.0048, 83.7724,
91.7371

■ 41.4733, 63.6137,
56.5882

■ 86.6987, 86.0678,
97.5755

■ 39.0350, 62.4433,
52.5593

■ 87.8184, 86.5157,
103.4714

■ 37.2491, 61.6048,
48.7611

■ 88.4302, 86.7604,
106.6934

■ 36.0254, 61.0519,
45.1864

■ 35.5454, 60.8425,
43.4427

Harmonies

Analogous

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



60.9040, 72.2981, 62.3553



59.0839, 72.2981, 75.1309



59.7370, 72.2981, 90.6108

Triad

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



59.0839, 72.2981, 75.1309



72.7524, 72.2981, 108.8354



75.0667, 72.2981, 57.6577

Complementary

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



59.0839, 72.2981, 75.1309



58.5625, 51.8358, 57.3739

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.



78.5550, 72.2981, 67.9184



59.0839, 72.2981, 75.1309



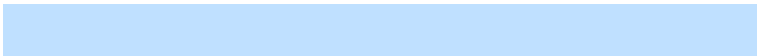
77.1716, 72.2981, 97.7241

Square

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



59.0839, 72.2981, 75.1309



67.4521, 72.2981, 111.4134



79.3445, 72.2981, 82.4223



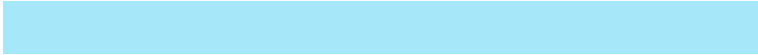
69.9979, 72.2981, 53.1441

Rectangle

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



59.0839, 72.2981, 75.1309



61.5039, 72.2981, 100.3016



79.3445, 72.2981, 82.4223



76.4734, 72.2981, 60.4806

Sweetspot

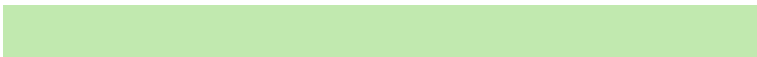
The Sweet Spot groups the original color and five complimentary colors.



59.0859, 72.3011, 75.1325



87.9059, 96.4186, 103.9764



58.9650, 72.7618, 51.4953



18.6899, 20.5747, 22.1660



0.0000, 0.0000, 0.0000



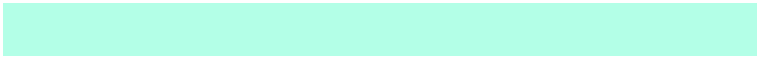
20.3446, 21.4041, 23.3091

Same Dimension

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



59.0859, 72.3011, 75.1325



68.6950, 86.8282, 88.9298



58.6083, 67.4375, 87.0220



15.3071, 17.0377, 18.2999



20.2265, 34.5451, 24.9554



1.6311, 2.7298, 2.1854

Inverse Universe

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



58.5625, 51.8358, 57.3739



67.9497, 57.5760, 63.5608



58.8262, 55.3844, 48.1485



15.2580, 15.1311, 16.6440



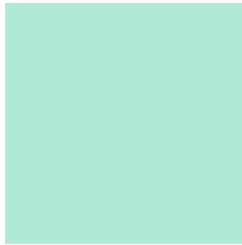
19.7864, 10.1172, 4.6764



1.5955, 0.8112, 0.5874

Previews

White Background



This preview shows how the XYZ color 59.0839, 72.2981, 75.1309 looks on a white background.

Color Contrast Check

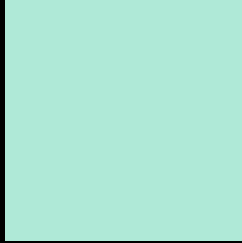
Large Text (above 18pt) WCAG AA × Fail

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 59.0839, 72.2981, 75.1309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

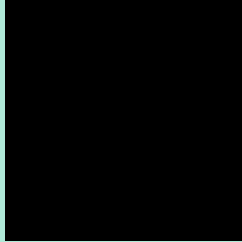
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

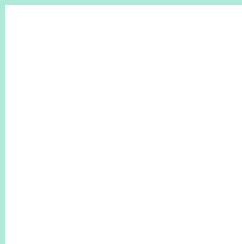
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0839, 72.2981, 75.1309

Background



This preview shows how black text looks on a background with the XYZ color 59.0839, 72.2981, 75.1309.



This preview shows how white text looks on a background with the XYZ color 59.0839, 72.2981,

75.1309.

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**

59.0839, 72.2981, 75.1309

Protanopia

68.3952, 71.5480, 69.8798

Deuteranopia

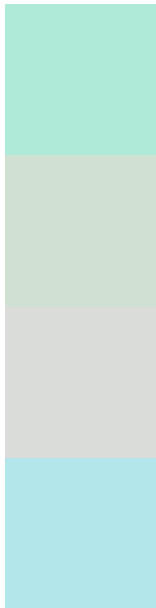
73.1984, 71.5802, 76.9762



Tritanopia

63.5880, 72.0260, 98.5466

Trichromacy



Original Color

59.0839, 72.2981, 75.1309

Protanomaly

64.4260, 71.4244, 72.0187

Deuteranomaly

67.1615, 71.1538, 76.5239

Tritanomaly

61.8826, 72.1755, 89.2670

Monochromacy



Original Color

59.0839, 72.2981, 75.1309

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

61.8135, 68.8473, 73.6493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0839, 72.2981, 75.1309 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(175, 233, 215)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 215)  
}
```

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(175, 233, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.0839, 72.2981, 75.1309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

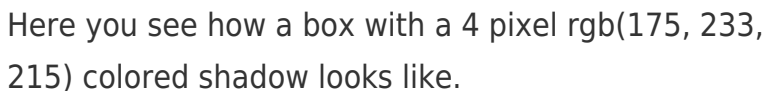
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 233, 215) }
```


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

```
.border{ border-color:rgb(175, 233, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 233, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 233, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 233, 215); box-shadow:4px 4px 4px 4px rgb(175, 233, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0839, 72.2981, 75.1309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 233, 215) }
```

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

```
.background{ background-color: rgb(175,  
233, 215) }
```

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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