

Converting Colors

XYZ(60.0803, 73.4825, 70.2076)

Have a look what the booklet for
XYZ(60.0803, 73.4825, 70.2076)
contains.

XYZ(59.9767, 73.2957, 70.0179)	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(59.9767, 73.2957,
70.0179)**

Conversions

Conversions Part 1

Format	Color
Hex	B6EACF
RGB	182, 234, 207
RGB Percent	71%, 92%, 81%
CMY	0.2863, 0.0823, 0.1882
CMYK	0.22, 0.00, 0.12, 0.08
HSL	149°, 55%, 82%
HSV	149°, 22%, 92%
XYZ	59.9767, 73.2957, 70.0179
YIQ	215.3740, -22.3250, -19.4210

Conversions

Conversions Part 2

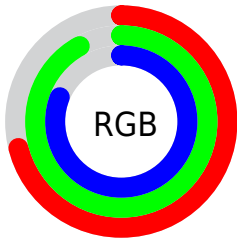
Format	Color
RYB	182, 217, 234
Decimal	11987663
CIELab	88.59, -21.95, 7.70
CIElCh	89, 23.260, 160.678
Yxy	73.2957, 0.2950, 0.3605
Android (android.graphics.Color)	4290177743 (0xFFB6EACF)
YUV	215.3740, -4.1284, -29.2690
Hunter-Lab	85.6129, -24.7732, 11.4391

Details

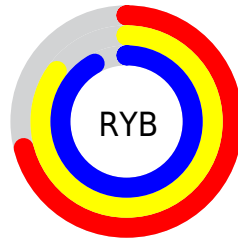
The XYZ color **59.9767, 73.2957, 70.0179** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.1708, 55.5536, 67.7708**, and the grayscale version is **64.8844, 68.2634, 74.3389**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.5723, 38.7299, 36.0013** is the 20% darker color. If you saturate the color by 10%, you get **53.4768, 70.1120, 62.2559**, and if you desaturate by 10%, it is **67.5185, 77.0073, 78.4286**.

Distribution



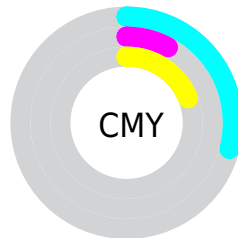
- Red (71%)
- Green (92%)
- Blue (81%)



- Red (71%)
- Yellow (85%)
- Blue (92%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9767, 73.2957, 70.0179 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 59.9767, 73.2957, 70.0179 by changing the saturation by 10% instead.

■ 59.9767, 73.2957,
70.0179

■ 59.9767, 73.2957,
70.0179

414.3480,
472.0390, 479.4037

■ 43.6492, 54.2178,
51.0642

■ 103.9024,
123.8969, 120.9156

■ 30.5916, 38.7758,
35.8826

132.2314,
156.1890, 153.6968

■ 20.4383, 26.5854,
24.0546

165.2915,
193.6546, 191.9242

■ 12.8242, 17.2621,
15.1616

203.4483,
236.6781, 236.0164

■ 7.3838, 10.4215,
8.7850

247.0669,
285.6439, 286.3918

■ 3.7517, 5.6793,
4.5063


296.5129,

■ 1.5626, 2.6511,


340.9364, 343.4692


1.9070


352.1514,
402.9400, 407.6670


 0.3679, 0.9524,
0.4972


 0.0000, 0.0000,
0.0000


 59.9767, 73.2957,
70.0179


 59.9767, 73.2957,
70.0179


 53.4768, 70.1120,
62.2559


 67.5185, 77.0073,
78.4286


 47.9643, 67.4224,
55.1221

 76.1411, 81.2606,
87.4981

 43.3887, 65.2031,
48.6018

 85.8891, 86.0803,
97.2426

 39.6926, 63.4250,
42.6781

 88.7142, 87.3284,
106.7881

■ 36.8117, 62.0552,
37.3329

■ 34.6725, 61.0561,
32.5472

■ 33.1869, 60.3827,
28.3006

■ 32.3765, 60.0293,
25.3548

Harmonies

Analogous

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



62.8704, 73.2957, 58.6017



59.9767, 73.2957, 70.0179



59.5968, 73.2957, 85.6666

Triad

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



59.9767, 73.2957, 70.0179



71.6826, 73.2957, 114.1644



78.1676, 73.2957, 61.3218

Complementary

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



59.9767, 73.2957, 70.0179



62.1708, 55.5536, 67.7708

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.



80.8085, 73.2957, 74.2200



59.9767, 73.2957, 70.0179



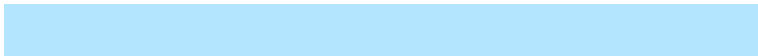
76.9331, 73.2957, 105.5938

Square

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



59.9767, 73.2957, 70.0179



66.1579, 73.2957, 112.6416



80.3450, 73.2957, 90.4675



73.2947, 73.2957, 54.0666

Rectangle

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



59.9767, 73.2957, 70.0179



60.7965, 73.2957, 96.6232



80.3450, 73.2957, 90.4675



79.3574, 73.2957, 65.0639

Sweetspot

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



59.9787, 73.2988, 70.0195



87.3285, 96.1877, 100.9360



64.3713, 75.8889, 55.5122



18.5561, 20.5211, 21.4615



0.0000, 0.0000, 0.0000



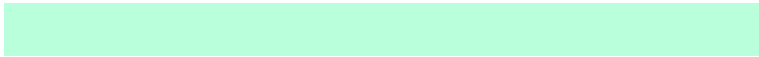
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9787, 73.2988, 70.0195



68.8652, 87.1055, 80.3734



63.3201, 74.6353, 87.6149



15.1700, 16.9828, 17.5778



18.2559, 33.7568, 14.5786



1.4819, 2.6701, 1.3996

Inverse Universe

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



62.1708, 55.5536, 67.7708



72.0021, 61.7097, 77.1538



59.2856, 54.3995, 52.5775



15.3921, 15.1847, 17.3501



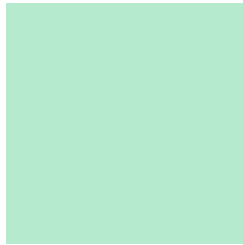
21.0887, 10.6382, 11.5343



1.7046, 0.8548, 1.1616

Previews

White Background



This preview shows how the XYZ color 59.9767, 73.2957, 70.0179 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 59.9767, 73.2957, 70.0179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

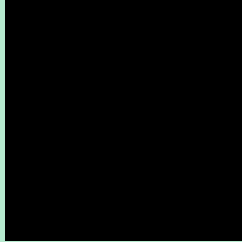
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

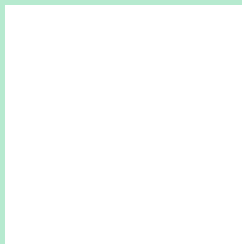
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9767, 73.2957, 70.0179

Background



This preview shows how black text looks on a background with the XYZ color 59.9767, 73.2957, 70.0179.

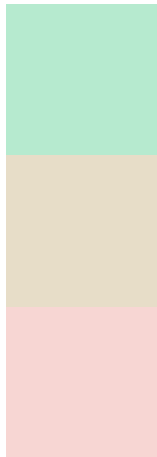


This preview shows how white text looks on a background with the XYZ color 59.9767, 73.2957,

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

59.9767, 73.2957, 70.0179

Protanopia

69.2368, 72.8720, 65.0601

Deuteranopia

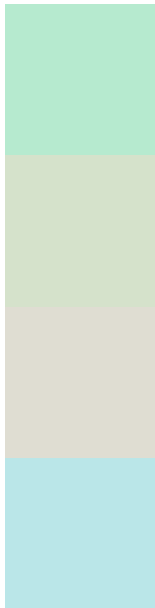
74.1622, 72.5704, 71.7267



Tritanopia

65.5182, 73.0210, 98.6370

Trichromacy



Original Color

59.9767, 73.2957, 70.0179

Protanomaly

65.4164, 72.8506, 67.1137

Deuteranomaly

67.9207, 72.0540, 71.3008

Tritanomaly

63.1120, 72.8589, 87.0808

Monochromacy



Original Color

59.9767, 73.2957, 70.0179

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.6335, 69.6925, 72.4382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9767, 73.2957, 70.0179 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(182, 234, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 234, 207)  
}
```

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(182, 234, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 234, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.9767, 73.2957, 70.0179 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(182, 234, 207) }
```


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

```
.border{ border-color:rgb(182, 234, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 234, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 234, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 234, 207); box-shadow:4px 4px 4px 4px rgb(182, 234, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9767, 73.2957, 70.0179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 234, 207) }
```

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

```
.background{ background-color: rgb(182,  
234, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor