

Converting Colors

XYZ(59.0664, 68.7489, 76.9655)

Have a look what the booklet for
XYZ(59.0664, 68.7489, 76.9655)
contains.

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Color

**XYZ(59.2398, 69.0322,
77.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E1DB
RGB	183, 225, 219
RGB Percent	72%, 88%, 86%
CMY	0.2823, 0.1176, 0.1412
CMYK	0.19, 0.00, 0.03, 0.12
HSL	171°, 41%, 80%
HSV	171°, 19%, 88%
XYZ	59.2398, 69.0322, 77.2201
YIQ	211.7580, -23.1060, -10.7700

Conversions

Conversions Part 2

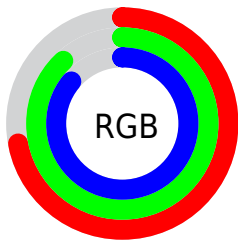
Format	Color
R _{YB}	183, 206, 225
Decimal	12050907
CIE Lab	86.52, -14.80, -1.60
CIE LCh	87, 14.884, 186.160
Yxy	69.0322, 0.2883, 0.3359
Android (android.graphics.Color)	4290240987 (0xFFB7E1DB)
YUV	211.7580, 3.5703, -25.2208
Hunter-Lab	83.0856, -18.1299, 3.0556

Details

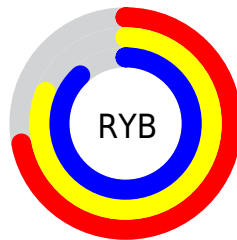
The XYZ color **59.2398, 69.0322, 77.2201** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.1725, 53.5504, 55.4699**, and the grayscale version is **62.4082, 65.6583, 71.5019**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.1288, 36.0969, 40.5014** is the 20% darker color. If you saturate the color by 10%, you get **53.8911, 66.3251, 74.7823**, and if you desaturate by 10%, it is **65.4561, 72.1893, 79.7441**.

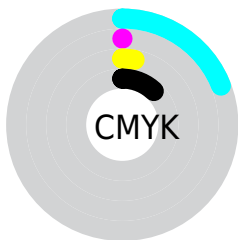
Distribution



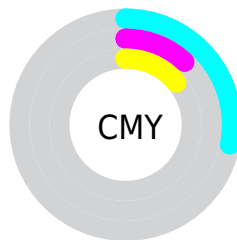
- Red (72%)
- Green (88%)
- Blue (86%)



- Red (72%)
- Yellow (81%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2398, 69.0322, 77.2201 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 59.2398, 69.0322, 77.2201 by changing the saturation by 10% instead.

■ 59.2398, 69.0322,
77.2201

■ 59.2398, 69.0322,
77.2201

411.6698,
457.1445, 504.9717

■ 43.0533, 50.7379,
56.9209

■ 102.8387,
117.8276, 131.2260

■ 30.1216, 36.0001,
40.5328

130.9819,
149.0975, 165.7697

■ 20.0795, 24.4343,
27.6373

163.8413,
185.4613, 205.8987

■ 12.5614, 15.6561,
17.8157

201.7823,
227.3036, 252.0316

■ 7.2021, 9.2811,
10.6497

245.1704,
275.0087, 304.5867

■ 3.6363, 4.9250,
5.7206

294.3707,

■ 1.4985, 2.2033,

328.9609, 363.9828

2.6099

349.7487,
389.5447, 430.6383

■ 0.3248, 0.7218,
0.8976

■ 0.0000, 0.0000,
0.0000

■ 59.2398, 69.0322,
77.2201

■ 59.2398, 69.0322,
77.2201

■ 53.8911, 66.3251,
74.7823

■ 65.4561, 72.1893,
79.7441

■ 49.3636, 64.0386,
72.4239


■ 72.5721, 75.8073,
82.3517


■ 45.6153, 62.1529,
70.1443


■ 80.6253, 79.9076,
85.0464


■ 42.5981, 60.6431,
67.9408


■ 82.7128, 80.9315,
87.5052


 40.2587, 59.4818,
65.8108


 83.1736, 81.1158,
89.9316


 38.5364, 58.6378,
63.7512


 83.6427, 81.3035,
92.4022


 37.3596, 58.0740,
61.7583

 84.1203, 81.4945,
94.9173

 36.6204, 57.7349,
59.8269

 84.6064, 81.6890,
97.4771

 36.5350, 57.6964,
59.5733

 85.1011, 81.8868,
100.0818

Harmonies

Analogous

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



59.7338, 69.0322, 67.7481



59.2398, 69.0322, 77.2201



60.4046, 69.0322, 86.9333

Triad

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



59.2398, 69.0322, 77.2201



69.6031, 69.0322, 91.5599



68.3294, 69.0322, 59.1005

Complementary

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



59.2398, 69.0322, 77.2201



57.1725, 53.5504, 55.4699

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.



71.1126, 69.0322, 64.5086



59.2398, 69.0322, 77.2201



71.8659, 69.0322, 83.1029

Square

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



59.2398, 69.0322, 77.2201



66.3270, 69.0322, 95.6664



72.4277, 69.0322, 73.1454



64.9042, 69.0322, 57.8230

Rectangle

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



59.2398, 69.0322, 77.2201



61.9899, 69.0322, 92.0636



72.4277, 69.0322, 73.1454



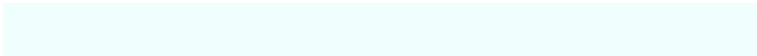
69.3747, 69.0322, 60.4710

Sweetspot

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



59.2418, 69.0351, 77.2217



89.2933, 97.0728, 106.8033



56.5353, 68.1295, 54.9714



18.9841, 20.7123, 22.8120



0.0000, 0.0000, 0.0000



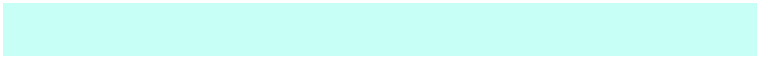
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2418, 69.0351, 77.2217



76.0724, 90.3627, 101.4135



56.2418, 61.7473, 80.1917



14.0279, 15.5369, 17.1822



21.0854, 33.2590, 34.5026



1.4849, 2.3147, 2.5147

Inverse Universe

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



57.1725, 53.5504, 55.4699



72.8929, 66.5618, 67.9847



59.7265, 59.6798, 53.1722



13.7866, 13.7323, 14.6466



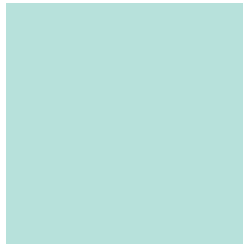
18.0703, 9.2951, 1.7698



1.2782, 0.6546, 0.2578

Previews

White Background



This preview shows how the XYZ color 59.2398, 69.0322, 77.2201 looks on a white background.

Color Contrast Check

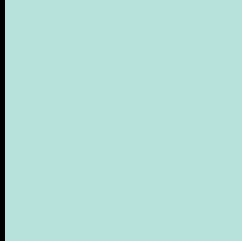
Large Text (above 18pt) WCAG AA × Fail

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 59.2398, 69.0322, 77.2201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

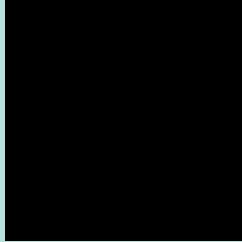
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

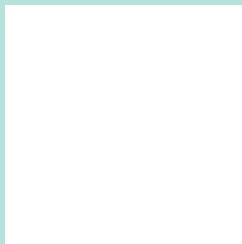
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2398, 69.0322, 77.2201

Background



This preview shows how black text looks on a background with the XYZ color 59.2398, 69.0322, 77.2201.

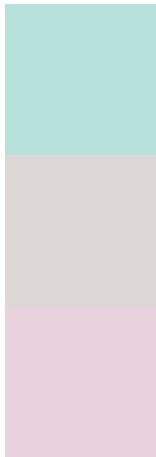


This preview shows how white text looks on a background with the XYZ color 59.2398, 69.0322,

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

59.2398, 69.0322, 77.2201

Protanopia

65.8259, 68.6206, 72.7265

Deuteranopia

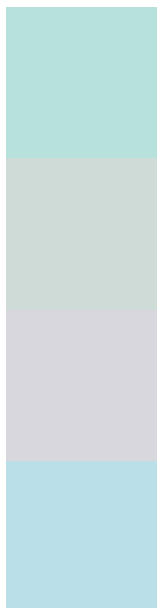
69.9170, 68.3673, 78.6184



Tritanopia

62.3430, 69.0986, 92.4896

Trichromacy



Original Color

59.2398, 69.0322, 77.2201

Protanomaly

63.3294, 68.8347, 74.2386

Deuteranomaly

65.3759, 68.2684, 78.1381

Tritanomaly

61.2029, 69.0407, 86.4444

Monochromacy



Original Color

59.2398, 69.0322, 77.2201

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.1660, 66.9495, 73.9887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2398, 69.0322, 77.2201 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(183, 225, 219)` looks like.

```
.text, #text, p{  
    color:rgb(183, 225, 219)  
}
```

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(183, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 225, 219) }
```

Border

The CSS property to change the border of an element to XYZ 59.2398, 69.0322, 77.2201 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(183, 225, 219) }
```


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

```
.border{ border-color:rgb(183, 225, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 225, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 225, 219);  
box-shadow:4px 4px 4px 4px rgb(183, 225,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2398, 69.0322, 77.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 225, 219) }
```

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

```
.background{ background-color: rgb(183,  
225, 219) }
```

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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