

Converting Colors

XYZ(60.1900, 68.6933, 78.5360)

Have a look what the booklet for
XYZ(60.1900, 68.6933, 78.5360)
contains.

XYZ(60.1779, 68.6872, 78.4929)	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(60.1779, 68.6872,
78.4929)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDFDD
RGB	188, 223, 221
RGB Percent	74%, 87%, 87%
CMY	0.2627, 0.1255, 0.1333
CMYK	0.16, 0.00, 0.01, 0.13
HSL	177°, 35%, 81%
HSV	177°, 16%, 87%
XYZ	60.1779, 68.6872, 78.4929
YIQ	212.3070, -20.2180, -8.0420

Conversions

Conversions Part 2

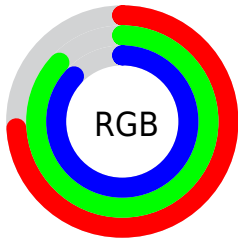
Format	Color
R _{YB}	188, 206, 223
Decimal	12378077
CIE Lab	86.35, -11.82, -2.87
CIE LCh	86, 12.160, 193.635
Yxy	68.6872, 0.2902, 0.3312
Android (android.graphics.Color)	4290568157 (0xFFBCDFDD)
YUV	212.3070, 4.2856, -21.3172
Hunter-Lab	82.8777, -15.4264, 1.8613

Details

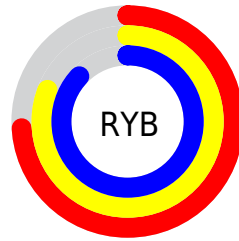
The XYZ color **60.1779, 68.6872, 78.4929** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.7114, 55.3740, 56.3648**, and the grayscale version is **62.7671, 66.0359, 71.9131**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **30.7171, 35.8268, 41.3727** is the 20% darker color. If you saturate the color by 10%, you get **54.9343, 66.0054, 77.3646**, and if you desaturate by 10%, it is **66.2756, 71.8128, 79.6708**.

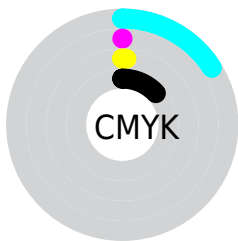
Distribution



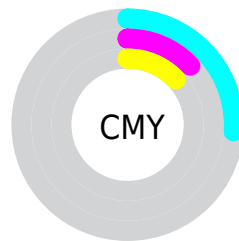
- Red (74%)
- Green (87%)
- Blue (87%)



- Red (74%)
- Yellow (81%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1779, 68.6872, 78.4929 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 60.1779, 68.6872, 78.4929 by changing the saturation by 10% instead.

60.1779, 68.6872,
78.4929

60.1779, 68.6872,
78.4929

415.0774,
455.9270, 509.4114

43.8121, 50.4570,
57.9601

104.1926,
117.3347, 133.0369

30.7201, 35.7767,
41.3621

132.5721,
148.5208, 167.8852

20.5366, 24.2618,
28.2803

165.6869,
184.7943, 208.3424

12.8962, 15.5279,
18.2962

203.9023,
226.5396, 254.8271

7.4336, 9.1907,
10.9912

247.5837,
274.1412, 307.7578

3.7834, 4.8658,
5.9468

297.0965,

1.5804, 2.1687,

327.9833, 367.5531

2.7445

352.8059,
388.4504, 434.6314

■ 0.3796, 0.7029,
0.9657

■ 0.0000, 0.0000,
0.0000

■ 60.1779, 68.6872,
78.4929

■ 60.1779, 68.6872,
78.4929

■ 54.9343, 66.0054,
77.3646

■ 66.2756, 71.8128,
79.6708

■ 50.5000, 63.7389,
76.2795

■ 73.2579, 75.3924,
80.8954

■ 46.8351, 61.8689,
75.2372

■ 81.1609, 79.4466,
82.1698

■ 43.8941, 60.3718,
74.2354

■ 81.3710, 79.5347,
83.0910

■ 41.6263, 59.2217,
73.2718

■ 81.5469, 79.6050,
84.0174

■ 39.9750, 58.3893,
72.3437

■ 81.7242, 79.6759,
84.9508

■ 38.8738, 57.8402,
71.4481

■ 81.9027, 79.7474,
85.8910

■ 38.2409, 57.5325,
70.5810

■ 82.0826, 79.8193,
86.8381

■ 38.0521, 57.4431,
70.2137

■ 82.2637, 79.8918,
87.7921

Harmonies

Analogous

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



60.2410, 68.6872, 70.5163



60.1779, 68.6872, 78.4929



61.4553, 68.6872, 85.9733

Triad

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



60.1779, 68.6872, 78.4929



69.0818, 68.6872, 86.5463



66.8181, 68.6872, 60.9130

Complementary

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



60.1779, 68.6872, 78.4929



57.7114, 55.3740, 56.3648

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.



69.2709, 68.6872, 64.6188



60.1779, 68.6872, 78.4929



70.6032, 68.6872, 79.2302

Square

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



60.1779, 68.6872, 78.4929



66.5660, 68.6872, 90.8430



70.6734, 68.6872, 71.2029



64.0208, 68.6872, 60.7469

Rectangle

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



60.1779, 68.6872, 78.4929



62.9168, 68.6872, 89.5147



70.6734, 68.6872, 71.2029



67.7121, 68.6872, 61.7734

Sweetspot

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



60.1799, 68.6900, 78.4944



90.3966, 97.6146, 108.0702



56.7854, 67.3992, 57.5947



19.2139, 20.8245, 23.1068



0.0000, 0.0000, 0.0000



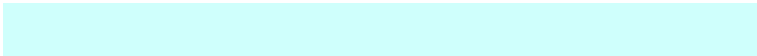
20.3446, 21.4041, 23.3091

Same Dimension

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



60.1799, 68.6900, 78.4944



78.9733, 91.7634, 105.8343



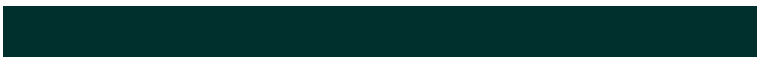
56.5756, 61.0519, 78.6177



14.0809, 15.5581, 17.4614



22.3876, 33.7799, 41.3594



1.5623, 2.3456, 2.9220

Inverse Universe

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



57.7114, 55.3740, 56.3648



74.9926, 70.2873, 70.1455



60.9063, 62.1118, 56.3569



13.7389, 13.7132, 14.3951



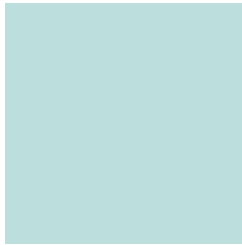
17.9484, 9.2463, 1.1279



1.2554, 0.6455, 0.1380

Previews

White Background



This preview shows how the XYZ color 60.1779, 68.6872, 78.4929 looks on a white background.

Color Contrast Check

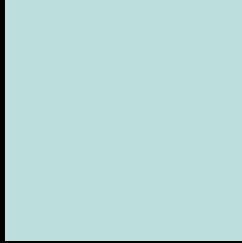
Large Text (above 18pt) WCAG AA × Fail

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 60.1779, 68.6872, 78.4929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

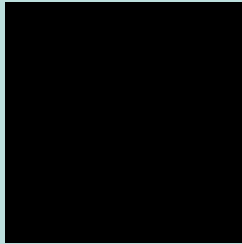
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

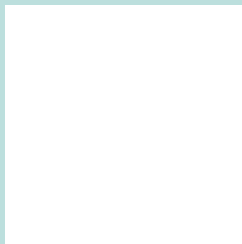
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1779, 68.6872, 78.4929

Background



This preview shows how black text looks on a background with the XYZ color 60.1779, 68.6872, 78.4929.

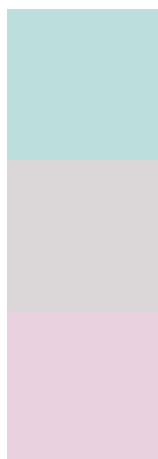


This preview shows how white text looks on a background with the XYZ color 60.1779, 68.6872,

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

60.1779, 68.6872, 78.4929

Protanopia

65.9085, 68.6188, 74.7368

Deuteranopia

69.8593, 68.3064, 80.0235



Tritanopia

62.5117, 68.4358, 90.8036

Trichromacy



Original Color

60.1779, 68.6872, 78.4929

Protanomaly

63.7387, 68.6147, 76.2142

Deuteranomaly

65.9811, 68.1726, 79.4931

Tritanomaly

61.6571, 68.4862, 86.3134

Monochromacy



Original Color

60.1779, 68.6872, 78.4929

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.4502, 66.7145, 73.9284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1779, 68.6872, 78.4929 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(188, 223, 221)` looks like.

```
.text, #text, p{  
    color:rgb(188, 223, 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(188, 223, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 223, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.1779, 68.6872, 78.4929 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(188, 223, 221) }
```


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

```
.border{ border-color:rgb(188, 223, 221) }
```

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

Here you see how a box with a 4 pixel rgb(188, 223, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 223, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 223, 221);  
box-shadow:4px 4px 4px 4px rgb(188, 223,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1779, 68.6872, 78.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 223, 221) }
```

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

```
.background{ background-color: rgb(188,  
223, 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](#).

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