

Converting Colors

XYZ(60.8695, 68.8651, 79.4281)

Have a look what the booklet for
XYZ(60.8695, 68.8651, 79.4281)
contains.

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Color

**XYZ(60.8077, 68.9964,
79.2200)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDFDE
RGB	190, 223, 222
RGB Percent	75%, 87%, 87%
CMY	0.2549, 0.1255, 0.1294
CMYK	0.15, 0.00, 0.00, 0.13
HSL	178°, 34%, 81%
HSV	178°, 15%, 87%
XYZ	60.8077, 68.9964, 79.2200
YIQ	213.0190, -19.3470, -7.3070

Conversions

Conversions Part 2

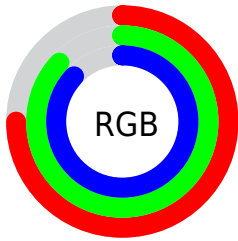
Format	Color
RYB	190, 207, 223
Decimal	12509150
CIELab	86.50, -10.99, -3.15
CIElCh	87, 11.430, 196.019
Yxy	68.9964, 0.2909, 0.3301
Android (android.graphics.Color)	4290699230 (0xFFBEDFDE)
YUV	213.0190, 4.4276, -20.1877
Hunter-Lab	83.0641, -14.6898, 1.5987

Details

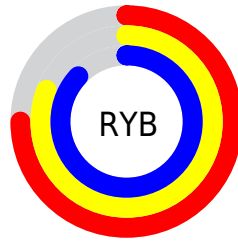
The XYZ color **60.8077, 68.9964, 79.2200** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.2513, 56.2784, 57.0858**, and the grayscale version is **63.2408, 66.5342, 72.4557**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **31.1310, 36.0295, 41.8728** is the 20% darker color. If you saturate the color by 10%, you get **55.5683, 66.3077, 78.5030**, and if you desaturate by 10%, it is **66.9037, 72.1303, 79.9819**.

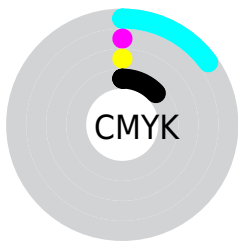
Distribution



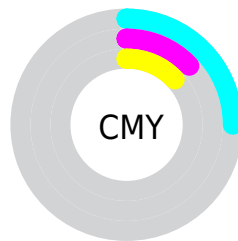
- Red (75%)
- Green (87%)
- Blue (87%)



- Red (75%)
- Yellow (81%)
- Blue (87%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8077, 68.9964, 79.2200 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 60.8077, 68.9964, 79.2200 by changing the saturation by 10% instead.

60.8077, 68.9964,
79.2200

60.8077, 68.9964,
79.2200

417.3558,
457.0183, 511.9376

44.3219, 50.7088,
58.5543

105.1001,
117.7764, 134.0700

31.1227, 35.9769,
41.8368

133.6375,
149.0376, 169.0914

20.8446, 24.4164,
28.6489

166.9229,
185.3922, 209.7351

13.1222, 15.6428,
18.5721

205.3215,
227.2244, 256.4197

7.5904, 9.2717,
11.1878

249.1987,
274.9187, 309.5637

3.8836, 4.9188,
6.0776

298.9199,

1.6365, 2.1997,

328.8595, 369.5857

2.8227

354.8505,
389.4313, 436.9041

■ 0.4160, 0.7198,
1.0049

■ 0.0000, 0.0000,
0.0000

■ 60.8077, 68.9964,
79.2200

■ 60.8077, 68.9964,
79.2200

■ 55.5683, 66.3077,
78.5030

■ 66.9037, 72.1303,
79.9819

■ 51.1408, 64.0357,
77.8244

■ 73.8864, 75.7195,
80.7858

■ 47.4858, 62.1618,
77.1838

■ 81.0882, 79.4215,
81.6019

■ 44.5579, 60.6628,
76.5792

■ 81.1803, 79.4584,
82.0872

■ 42.3072, 59.5128,
76.0082

■ 81.2729, 79.4954,
82.5743

■ 40.6774, 58.6829,
75.4681

■ 81.3657, 79.5326,
83.0635

■ 39.6032, 58.1393,
74.9559

■ 81.4590, 79.5699,
83.5545

■ 39.0047, 57.8410,
74.4679

■ 81.5526, 79.6073,
84.0475

■ 38.8130, 57.7474,
74.2204

■ 81.6466, 79.6449,
84.5424

Harmonies

Analogous

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



60.7631, 68.9964, 71.6585



60.8077, 68.9964, 79.2200



62.1078, 68.9964, 86.1096

Triad

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



60.8077, 68.9964, 79.2200



69.3099, 68.9964, 85.7087



66.8163, 68.9964, 61.8501

Complementary

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



60.8077, 68.9964, 79.2200



58.2513, 56.2784, 57.0858

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.



69.1772, 68.9964, 65.1173



60.8077, 68.9964, 79.2200



70.6428, 68.9964, 78.7022

Square

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



60.8077, 68.9964, 79.2200



66.9936, 68.9964, 90.0245



70.5936, 68.9964, 71.1743



64.1845, 68.9964, 61.9681

Rectangle

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



60.8077, 68.9964, 79.2200



63.5321, 68.9964, 89.2458



70.5936, 68.9964, 71.1743



67.6694, 68.9964, 62.5789

Sweetspot

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



60.8097, 68.9993, 79.2215



91.3466, 98.0966, 108.4664



57.1950, 67.5853, 58.7472



19.4076, 20.9225, 23.1990



0.0000, 0.0000, 0.0000



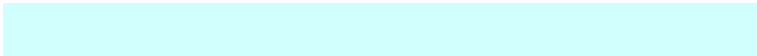
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8097, 68.9993, 79.2215



79.9090, 92.2204, 107.0233



57.0150, 61.1940, 78.6219



14.0976, 15.5648, 17.5494



22.8284, 33.9562, 43.6807



1.5881, 2.3560, 3.0580

Inverse Universe

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



58.2513, 56.2784, 57.0858



75.7597, 71.5879, 71.1215



61.6553, 63.2624, 57.6777



13.7240, 13.7072, 14.3170



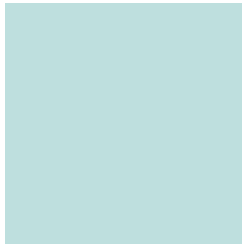
17.9225, 9.2360, 0.9917



1.2483, 0.6426, 0.1005

Previews

White Background



This preview shows how the XYZ color 60.8077, 68.9964, 79.2200 looks on a white background.

Color Contrast Check

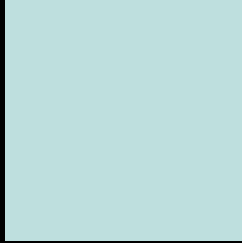
Large Text (above 18pt) WCAG AA × Fail

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 60.8077, 68.9964, 79.2200 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

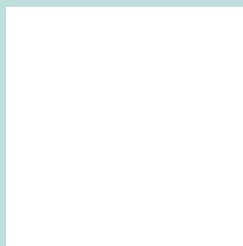
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8077, 68.9964, 79.2200

Background



This preview shows how black text looks on a background with the XYZ color 60.8077, 68.9964, 79.2200.

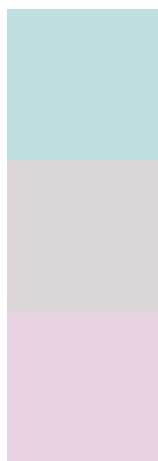


This preview shows how white text looks on a background with the XYZ color 60.8077, 68.9964,

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

60.8077, 68.9964, 79.2200

Protanopia

66.0382, 68.6707, 75.4198

Deuteranopia

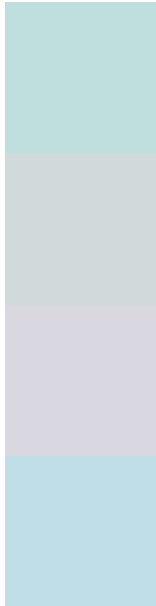
70.2415, 68.8531, 80.8220



Tritanopia

63.2814, 69.2234, 90.9151

Trichromacy



Original Color

60.8077, 68.9964, 79.2200

Protanomaly

63.8700, 68.6672, 76.9056

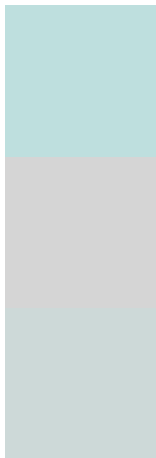
Deuteranomaly

66.3703, 68.7344, 80.2900

Tritanomaly

62.4250, 69.2752, 86.4252

Monochromacy



Original Color

60.8077, 68.9964, 79.2200

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.3844, 67.5627, 74.7186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8077, 68.9964, 79.2200 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(190, 223, 222) looks like.

```
.text, #text, p{  
    color:rgb(190, 223, 222)  
}
```

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(190, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 223, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.8077, 68.9964, 79.2200 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(190, 223, 222) }
```


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

```
.border{ border-color:rgb(190, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 223, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 223, 222); box-shadow:4px 4px 4px 4px rgb(190, 223, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8077, 68.9964, 79.2200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 223, 222) }
```

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

```
.background{ background-color: rgb(190,  
223, 222) }
```

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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