

Converting Colors

XYZ(59.5755, 68.7717, 79.0699)

Have a look what the booklet for
XYZ(59.5755, 68.7717, 79.0699)
contains.

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Color

**XYZ(59.6076, 68.7756,
79.2406)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E0DE
RGB	184, 224, 222
RGB Percent	72%, 88%, 87%
CMY	0.2784, 0.1216, 0.1294
CMYK	0.18, 0.00, 0.01, 0.12
HSL	177°, 39%, 80%
HSV	177°, 18%, 88%
XYZ	59.6076, 68.7756, 79.2406
YIQ	211.8120, -23.1980, -9.1020

Conversions

Conversions Part 2

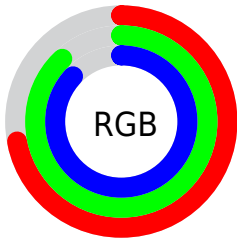
Format	Color
RYB	184, 205, 224
Decimal	12116190
CIELab	86.39, -13.37, -3.36
CIELCh	86, 13.783, 194.103
Yxy	68.7756, 0.2871, 0.3313
Android (android.graphics.Color)	4290306270 (0xFFB8E0DE)
YUV	211.8120, 5.0227, -24.3911
Hunter-Lab	82.9311, -16.8305, 1.4002

Details

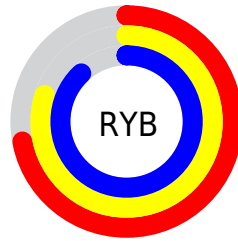
The XYZ color **59.6076, 68.7756, 79.2406** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.7463, 53.6752, 53.8267**, and the grayscale version is **62.4348, 65.6863, 71.5323**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **30.3689, 35.9118, 41.8903** is the 20% darker color. If you saturate the color by 10%, you get **54.5115, 66.1676, 78.2213**, and if you desaturate by 10%, it is **65.5583, 71.8277, 80.3080**.

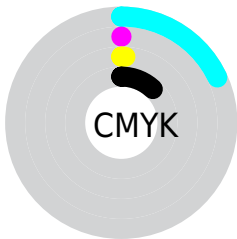
Distribution



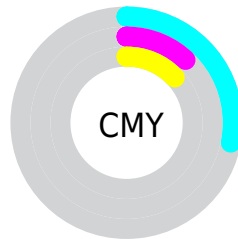
- Red (72%)
- Green (88%)
- Blue (87%)



- Red (72%)
- Yellow (80%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6076, 68.7756, 79.2406 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 59.6076, 68.7756, 79.2406 by changing the saturation by 10% instead.

■ 59.6076, 68.7756,
79.2406

■ 59.6076, 68.7756,
79.2406

413.0078,
456.2391, 512.0090

■ 43.3507, 50.5290,
58.5712

■ 103.3698,
117.4610, 134.0993

■ 30.3561, 35.8339,
41.8503

131.6058,
148.6686, 169.1256

■ 20.2584, 24.3059,
28.6594

164.5656,
184.9653, 209.7746

■ 12.6924, 15.5607,
18.5799

202.6144,
226.7355, 256.4648

■ 7.2926, 9.2138,
11.1934

246.1177,
274.3635, 309.6148

■ 3.6937, 4.8809,
6.0813

295.4408,

■ 1.5304, 2.1776,

328.2339, 369.6432

2.8250

350.9491,
388.7310, 436.9684

■ 0.3463, 0.7077,
1.0060

■ 0.0000, 0.0000,
0.0000

■ 59.6076, 68.7756,
79.2406

■ 59.6076, 68.7756,
79.2406

■ 54.5115, 66.1676,
78.2213

■ 65.5583, 71.8277,
80.3080

■ 50.2242, 63.9746,
77.2436

■ 72.3950, 75.3346,
81.4207

■ 46.7046, 62.1773,
76.3070

■ 80.1546, 79.3171,
82.5818

■ 43.9056, 60.7513,
75.4093

■ 81.6915, 80.0917,
83.4570

■ 41.7749, 59.6698,
74.5481

■ 81.8464, 80.1536,
84.2727

■ 40.2533, 58.9021,
73.7206

■ 82.0023, 80.2160,
85.0938

■ 39.2709, 58.4123,
72.9235

■ 82.1593, 80.2788,
85.9202

■ 38.7308, 58.1503,
72.1522

■ 82.3172, 80.3420,
86.7519

■ 38.6402, 58.1072,
71.9888

■ 82.4762, 80.4055,
87.5890

Harmonies

Analogous

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



59.6543, 68.7756, 70.1829



59.6076, 68.7756, 79.2406



61.0693, 68.7756, 87.7668

Triad

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



59.6076, 68.7756, 79.2406



69.7246, 68.7756, 88.1990



67.0610, 68.7756, 59.2513

Complementary

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



59.6076, 68.7756, 79.2406



56.7463, 53.6752, 53.8267

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.



69.8662, 68.7756, 63.3296



59.6076, 68.7756, 79.2406



71.4378, 68.7756, 79.7925

Square

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



59.6076, 68.7756, 79.2406



66.8728, 68.7756, 93.2161



71.4905, 68.7756, 70.6919



63.8882, 68.7756, 59.1298

Rectangle

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



59.6076, 68.7756, 79.2406



62.7307, 68.7756, 91.7971



71.4905, 68.7756, 70.6919



68.0805, 68.7756, 60.1890

Sweetspot

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



59.6096, 68.7784, 79.2421



90.4112, 97.6205, 108.1472



55.7214, 67.2977, 55.4014



19.2174, 20.8259, 23.1256



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.



59.6096, 68.7784, 79.2421



77.5898, 91.0485, 105.8450



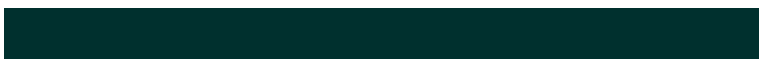
55.4558, 60.0387, 79.1901



14.0854, 15.5599, 17.4848



22.5035, 33.8262, 41.9698



1.5691, 2.3483, 2.9578

Inverse Universe

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



56.7463, 53.6752, 53.8267



73.1466, 67.6094, 66.4041



60.3590, 61.2392, 53.9876



13.7349, 13.7116, 14.3743



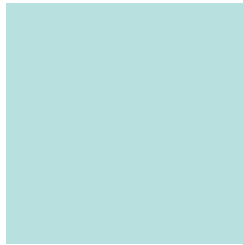
17.9415, 9.2436, 1.0916



1.2535, 0.6447, 0.1280

Previews

White Background



This preview shows how the XYZ color 59.6076, 68.7756, 79.2406 looks on a white background.

Color Contrast Check

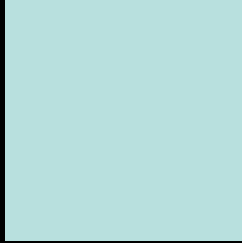
Large Text (above 18pt) WCAG AA × Fail

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 59.6076, 68.7756, 79.2406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

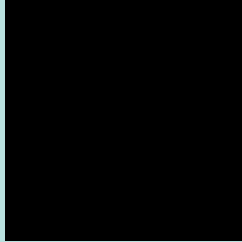
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6076, 68.7756, 79.2406

Background



This preview shows how black text looks on a background with the XYZ color 59.6076, 68.7756, 79.2406.

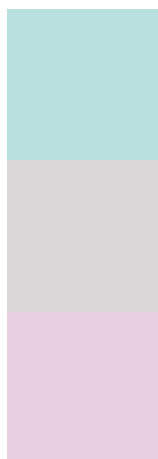


This preview shows how white text looks on a background with the XYZ color 59.6076, 68.7756,

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

59.6076, 68.7756, 79.2406

Protanopia

66.0382, 68.6707, 75.4198

Deuteranopia

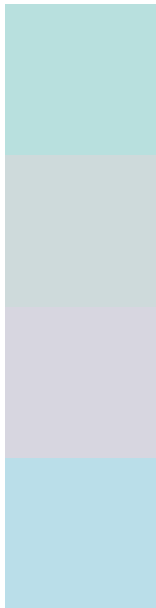
69.6698, 68.1930, 80.7247



Tritanopia

61.9300, 68.5097, 91.6210

Trichromacy



Original Color

59.6076, 68.7756, 79.2406

Protanomaly

63.3112, 68.3791, 76.8795

Deuteranomaly

65.5254, 67.9220, 80.1777

Tritanomaly

61.0790, 68.5648, 87.1059

Monochromacy



Original Color

59.6076, 68.7756, 79.2406

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.3077, 66.6262, 74.5946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6076, 68.7756, 79.2406 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(184, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 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(184, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.6076, 68.7756, 79.2406 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(184, 224, 222) }
```


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

```
.border{ border-color:rgb(184, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6076, 68.7756, 79.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 222) }
```

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

```
.background{ background-color: rgb(184,  
224, 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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