

Converting Colors

XYZ(59.5055, 67.0759, 78.9248)

Have a look what the booklet for
XYZ(59.5055, 67.0759, 78.9248)
contains.

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Color

**XYZ(59.5171, 67.1517,
78.9319)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDCDE
RGB	188, 220, 222
RGB Percent	74%, 86%, 87%
CMY	0.2627, 0.1372, 0.1294
CMYK	0.15, 0.01, 0.00, 0.13
HSL	184°, 34%, 80%
HSV	184°, 15%, 87%
XYZ	59.5171, 67.1517, 78.9319
YIQ	210.6600, -19.7140, -6.1620

Conversions

Conversions Part 2

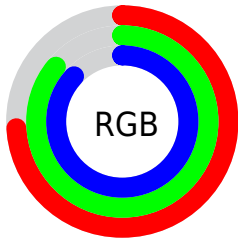
Format	Color
RYB	188, 204, 222
Decimal	12377310
CIELab	85.58, -10.08, -4.53
CIELCh	86, 11.052, 204.170
Yxy	67.1517, 0.2895, 0.3266
Android (android.graphics.Color)	4290567390 (0xFFBCDCDE)
YUV	210.6600, 5.5906, -19.8728
Hunter-Lab	81.9461, -13.7620, 0.2532

Details

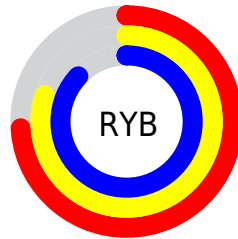
The XYZ color **59.5171, 67.1517, 78.9319** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.6153, 55.9874, 55.3483**, and the grayscale version is **61.6678, 64.8794, 70.6536**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **30.2617, 34.7686, 41.6753** is the 20% darker color. If you saturate the color by 10%, you get **54.1230, 63.8666, 78.5832**, and if you desaturate by 10%, it is **65.7590, 70.8813, 79.3239**.

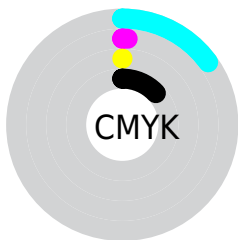
Distribution



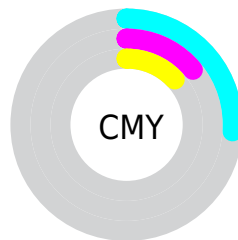
- Red (74%)
- Green (86%)
- Blue (87%)



- Red (74%)
- Yellow (80%)
- Blue (87%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (26%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5171, 67.1517, 78.9319 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 59.5171, 67.1517, 78.9319 by changing the saturation by 10% instead.

■ 59.5171, 67.1517,
78.9319

■ 59.5171, 67.1517,
78.9319

412.6788,
450.4846, 510.9375

■ 43.2775, 49.2079,
58.3188

■ 103.2392,
115.1378, 133.6608

■ 30.2984, 34.7844,
41.6486

131.4524,
145.9488, 168.6137

■ 20.2144, 23.4969,
28.5027

164.3874,
181.8178, 209.1836

■ 12.6601, 14.9608,
18.4626

202.4098,
223.1290, 255.7891

■ 7.2703, 8.7919,
11.1098

245.8847,
270.2669, 308.8487

■ 3.6795, 4.6057,
6.0256

295.1777,

■ 1.5225, 2.0178,

323.6159, 368.7809

2.7916

350.6539,
383.5603, 436.0043

■ 0.3411, 0.6178,
0.9892

■ 0.0000, 0.0000,
0.0000

■ 59.5171, 67.1517,
78.9319

■ 59.5171, 67.1517,
78.9319

■ 54.1230, 63.8666,
78.5832

■ 65.7590, 70.8813,
79.3239

■ 49.5325, 60.9980,
78.2714

■ 72.8788, 75.0657,
79.7563

■ 45.7063, 58.5274,
77.9962

■ 80.9122, 79.7251,
80.2322

■ 42.5994, 56.4315,
77.7554

■ 81.4098, 80.5036,
80.3563

40.1622, 54.6848,
77.5467

81.7641, 81.2122,
80.4744

38.3385, 53.2582,
77.3675

82.1211, 81.9262,
80.5934

37.0633, 52.1184,
77.2147

82.4808, 82.6456,
80.7133

36.2566, 51.2239,
77.0846

82.8433, 83.3705,
80.8341

35.9763, 50.8565,
77.0284

83.2084, 84.1008,
80.9558

Harmonies

Analogous

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



59.1374, 67.1517, 71.7199



59.5171, 67.1517, 78.9319



61.0381, 67.1517, 84.9228

Triad

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



59.5171, 67.1517, 78.9319



67.8249, 67.1517, 81.5222



64.3178, 67.1517, 60.1932

Complementary

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



59.5171, 67.1517, 78.9319



57.6153, 55.9874, 55.3483

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.



66.6968, 67.1517, 62.4590



59.5171, 67.1517, 78.9319



68.7555, 67.1517, 74.5317

Square

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



59.5171, 67.1517, 78.9319



65.8251, 67.1517, 86.4857



68.3373, 67.1517, 67.5945



61.8672, 67.1517, 61.2018

Rectangle

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



59.5171, 67.1517, 78.9319



62.5164, 67.1517, 87.2581



68.3373, 67.1517, 67.5945



65.1531, 67.1517, 60.5923

Sweetspot

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



59.5190, 67.1545, 78.9334



90.2754, 97.1846, 108.6082



56.1231, 66.6397, 58.4496



19.1843, 20.7196, 23.2381



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.



59.5190, 67.1545, 78.9334



79.2788, 90.6019, 107.9172



55.3520, 58.8203, 77.5444



14.0440, 15.4272, 17.6252



21.3980, 30.2656, 45.7624



1.5044, 2.1404, 3.1791

Inverse Universe

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



61.0273, 56.6648, 75.4343



81.6839, 73.9576, 102.3184



61.4427, 63.6421, 56.6241



14.2584, 13.9210, 17.1311



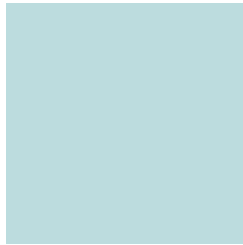
24.7409, 11.9634, 36.8970



1.7256, 0.8335, 2.6140

Previews

White Background



This preview shows how the XYZ color 59.5171, 67.1517, 78.9319 looks on a white background.

Color Contrast Check

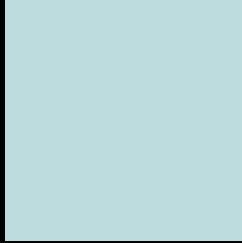
Large Text (above 18pt) WCAG AA × Fail

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 59.5171, 67.1517, 78.9319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

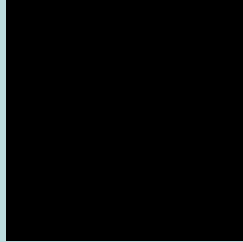
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5171, 67.1517, 78.9319

Background



This preview shows how black text looks on a background with the XYZ color 59.5171, 67.1517, 78.9319.



This preview shows how white text looks on a background with the XYZ color 59.5171, 67.1517,

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

59.5171, 67.1517, 78.9319

Protanopia

64.3868, 66.6957, 75.1256

Deuteranopia

68.2165, 66.7199, 80.5170



Tritanopia

61.3020, 67.0881, 88.3156

Trichromacy



Original Color

59.5171, 67.1517, 78.9319

Protanomaly

62.5402, 66.8372, 76.6225

Deuteranomaly

64.7296, 66.7649, 79.9963

Tritanomaly

60.6007, 67.1950, 84.6388

Monochromacy



Original Color

59.5171, 67.1517, 78.9319

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.9409, 65.6959, 73.7586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5171, 67.1517, 78.9319 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, 220, 222) looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 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(188, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.5171, 67.1517, 78.9319 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, 220, 222) }
```


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

```
.border{ border-color:rgb(188, 220, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5171, 67.1517, 78.9319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 222) }
```

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

```
.background{ background-color: rgb(188,  
220, 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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