

Converting Colors

XYZ(63.3568, 72.6025, 79.9907)

Have a look what the booklet for
XYZ(63.3568, 72.6025, 79.9907)
contains.

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Color

**XYZ(63.4523, 72.7819,
79.8113)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E5DE
RGB	194, 229, 222
RGB Percent	76%, 90%, 87%
CMY	0.2392, 0.1019, 0.1294
CMYK	0.15, 0.00, 0.03, 0.10
HSL	168°, 40%, 83%
HSV	168°, 15%, 90%
XYZ	63.4523, 72.7819, 79.8113
YIQ	217.7370, -18.6130, -9.5970

Conversions

Conversions Part 2

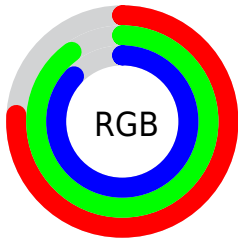
Format	Color
RYB	194, 213, 229
Decimal	12772830
CIELab	88.34, -12.77, -0.43
CIELCh	88, 12.772, 181.911
Yxy	72.7819, 0.2937, 0.3369
Android (android.graphics.Color)	4290962910 (0xFFC2E5DE)
YUV	217.7370, 2.1017, -20.8173
Hunter-Lab	85.3123, -16.5345, 4.2517

Details

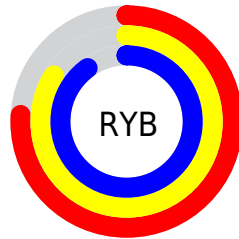
The XYZ color **63.4523, 72.7819, 79.8113** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.1501, 59.4606, 63.4630**, and the grayscale version is **66.4563, 69.9172, 76.1398**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **32.9263, 38.6376, 42.2816** is the 20% darker color. If you saturate the color by 10%, you get **57.4165, 69.7423, 76.3678**, and if you desaturate by 10%, it is **70.4147, 76.3012, 83.3884**.

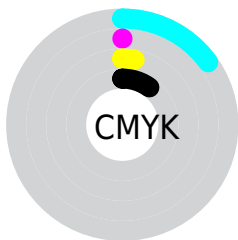
Distribution



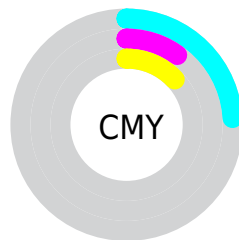
- Red (76%)
- Green (90%)
- Blue (87%)



- Red (76%)
- Yellow (84%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4523, 72.7819, 79.8113 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 63.4523, 72.7819, 79.8113 by changing the saturation by 10% instead.

63.4523, 72.7819,
79.8113

63.4523, 72.7819,
79.8113

426.8427,
470.2586, 513.9867

46.4672, 53.7976,
59.0378

108.8999,
123.1675, 134.9094

32.8209, 38.4399,
42.2234

138.0932,
155.3377, 170.0711

22.1478, 26.3243,
28.9494

172.0866,
192.6720, 210.8660

14.0828, 17.0664,
18.7973

211.2455,
235.5547, 257.7126

8.2603, 10.2818,
11.3485

255.9352,
284.3704, 311.0294

4.3152, 5.5862,
6.1847

306.5210,

1.8819, 2.5952,

339.5033, 371.2350

2.8871

363.3684,
401.3379, 438.7479

■ 0.5663, 0.9242,
1.0373

■ 0.0000, 0.0000,
0.0000

■ 63.4523, 72.7819,
79.8113

■ 63.4523, 72.7819,
79.8113

■ 57.4165, 69.7423,
76.3678

■ 70.4147, 76.3012,
83.3884

■ 52.2595, 67.1519,
73.0503


■ 78.3362, 80.3110,
87.0966


■ 47.9388, 64.9906,
69.8578


■ 84.3642, 83.3427,
90.8046

■ 44.4057, 63.2335,
66.7871


■ 85.0377, 83.6121,
94.3513


 41.6064, 61.8529,
63.8352


 85.7284, 83.8884,
97.9884


 39.4803, 60.8175,
60.9984


 86.4365, 84.1716,
101.7169

 37.9570, 60.0909,
58.2727

 87.1619, 84.4618,
105.5372

 36.9497, 59.6285,
55.6534

 87.3107, 84.5213,
106.3202

 36.5874, 59.4680,
54.4519

Harmonies

Analogous

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



64.1068, 72.7819, 71.5626



63.4523, 72.7819, 79.8113



64.2938, 72.7819, 88.5083

Triad

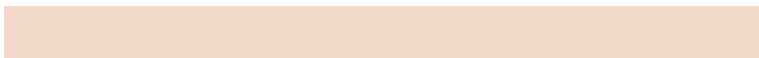
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.4523, 72.7819, 79.8113



72.3394, 72.7819, 94.4559



71.9892, 72.7819, 65.2695

Complementary

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



63.4523, 72.7819, 79.8113



62.1501, 59.4606, 63.4630

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.



74.3015, 72.7819, 70.6556



63.4523, 72.7819, 79.8113



74.5078, 72.7819, 87.4630

Square

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



63.4523, 72.7819, 79.8113



69.3737, 72.7819, 97.3419



75.2361, 72.7819, 78.6856



68.9807, 72.7819, 63.5464

Rectangle

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



63.4523, 72.7819, 79.8113



65.6047, 72.7819, 93.2878



75.2361, 72.7819, 78.6856



72.8767, 72.7819, 66.6911

Sweetspot

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



63.4544, 72.7849, 79.8129



90.1058, 97.4983, 106.5390



62.0037, 72.4353, 61.7537



19.1430, 20.7961, 22.7334



0.0000, 0.0000, 0.0000



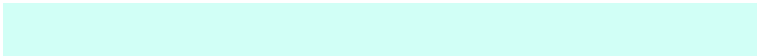
20.3446, 21.4041, 23.3091

Same Dimension

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



63.4544, 72.7849, 79.8129



78.6892, 91.7325, 100.6000



61.7465, 67.8357, 83.9715



14.6774, 16.2844, 17.8318



20.9618, 34.0168, 31.3631



1.5805, 2.5263, 2.4836

Inverse Universe

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



62.1501, 59.4606, 63.4630



76.7570, 71.9868, 76.3736



63.6262, 63.7014, 59.9823



14.4943, 14.4149, 15.5374



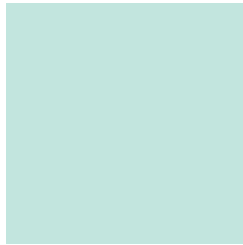
18.7891, 9.6499, 2.5185



1.4211, 0.7262, 0.3583

Previews

White Background



This preview shows how the XYZ color 63.4523, 72.7819, 79.8113 looks on a white background.

Color Contrast Check

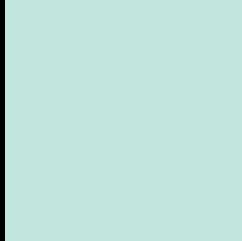
Large Text (above 18pt) WCAG AA × Fail

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 63.4523, 72.7819, 79.8113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

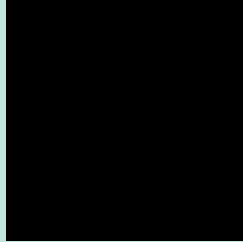
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

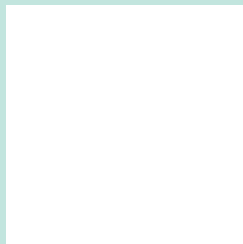
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4523, 72.7819, 79.8113

Background



This preview shows how black text looks on a background with the XYZ color 63.4523, 72.7819, 79.8113.



This preview shows how white text looks on a background with the XYZ color 63.4523, 72.7819,

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

63.4523, 72.7819, 79.8113

Protanopia

69.4816, 72.3649, 75.9514

Deuteranopia

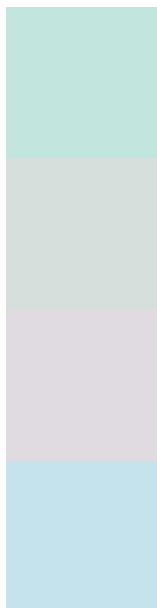
73.9128, 72.2301, 81.2804



Tritanopia

66.8142, 72.9301, 96.1434

Trichromacy



Original Color

63.4523, 72.7819, 79.8113

Protanomaly

66.9054, 72.1860, 77.4248

Deuteranomaly

69.5265, 71.8921, 80.7331

Tritanomaly

65.6354, 72.8646, 89.9618

Monochromacy



Original Color

63.4523, 72.7819, 79.8113

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.2020, 70.9123, 77.2688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4523, 72.7819, 79.8113 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(194, 229, 222)` looks like.

```
.text, #text, p{  
    color:rgb(194, 229, 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(194, 229, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 229, 222) }
```

Border

The CSS property to change the border of an element to XYZ 63.4523, 72.7819, 79.8113 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(194, 229, 222) }
```


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

```
.border{ border-color:rgb(194, 229, 222) }
```

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

Here you see how a box with a 4 pixel rgb(194, 229, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 229, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 229, 222);  
box-shadow:4px 4px 4px 4px rgb(194, 229,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4523, 72.7819, 79.8113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 229, 222) }
```

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

```
.background{ background-color: rgb(194,  
229, 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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