

Converting Colors

XYZ(50.7533, 64.0658, 79.4151)

Have a look what the booklet for
XYZ(50.7533, 64.0658, 79.4151)
contains.

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Color

**XYZ(50.7902, 64.2145,
79.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE0DF
RGB	140, 224, 223
RGB Percent	55%, 88%, 87%
CMY	0.4510, 0.1216, 0.1255
CMYK	0.37, 0.00, 0.00, 0.12
HSL	179°, 58%, 71%
HSV	179°, 37%, 88%
XYZ	50.7902, 64.2145, 79.5297
YIQ	198.7700, -49.7430, -18.1190

Conversions

Conversions Part 2

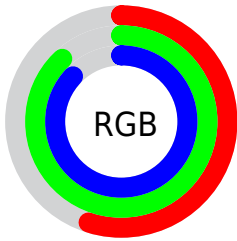
Format	Color
RYB	140, 182, 224
Decimal	9232607
CIELab	84.08, -25.63, -7.57
CIELCh	84, 26.720, 196.456
Yxy	64.2145, 0.2611, 0.3301
Android (android.graphics.Color)	4287422687 (0xFF8CE0DF)
YUV	198.7700, 11.9454, -51.5413
Hunter-Lab	80.1340, -27.0982, -2.7492

Details

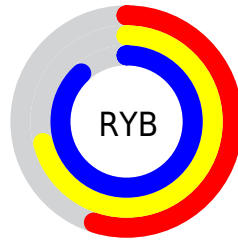
The XYZ color **50.7902, 64.2145, 79.5297** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **44.9286, 36.5285, 29.8845**, and the grayscale version is **54.0983, 56.9156, 61.9811**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **24.9120, 33.0879, 42.1194** is the 20% darker color. If you saturate the color by 10%, you get **47.3577, 62.4507, 79.1824**, and if you desaturate by 10%, it is **54.9949, 66.3795, 79.9162**.

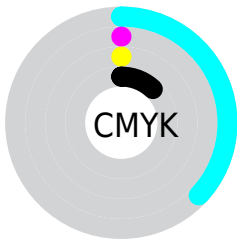
Distribution



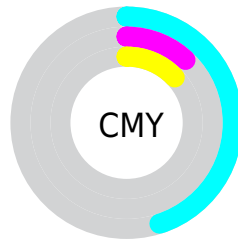
- Red (55%)
- Green (88%)
- Blue (87%)



- Red (55%)
- Yellow (71%)
- Blue (88%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (45%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7902, 64.2145, 79.5297 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 50.7902, 64.2145, 79.5297 by changing the saturation by 10% instead.

50.7902, 64.2145,
79.5297

50.7902, 64.2145,
79.5297

380.1492,
439.9638, 513.0114

36.2620, 46.8244,
58.8075

90.5294, 110.9198,
134.5097

24.8077, 32.8969,
42.0392

116.4712,
141.0038, 169.6047

16.0618, 22.0475,
28.8062

146.9482,
176.0879, 210.3276

9.6590, 13.8918,
18.6899

182.3258,
216.5565, 257.0971

5.2340, 8.0454,
11.2719

222.9693,
262.7940, 310.3317

2.4214, 4.1240,
6.1336

269.2442,

0.8558, 1.7432,

315.1848, 370.4499

2.8564

321.5157,
374.1133, 437.8703

■ 0.0000, 0.4514,
1.0218

■ 0.0000, 0.0000,
0.0000

■ 50.7902, 64.2145,
79.5297

■ 50.7902, 64.2145,
79.5297

■ 47.3577, 62.4507,
79.1824

■ 54.9949, 66.3795,
79.9162

■ 44.6447, 61.0562,
78.8677

■ 60.0089, 68.9602,
80.3395

■ 42.6010, 60.0069,
78.5847

■ 65.8741, 71.9796,
80.8029

■ 41.1678, 59.2721,
78.3305

■ 72.6276, 75.4569,
81.3081

■ 40.2756, 58.8163,
78.1019

■ 80.3042, 79.4102,
81.8569

■ 39.8310, 58.5913,
77.8945

■ 81.4336, 79.9882,
82.0996

■ 39.7520, 58.5516,
77.8442

■ 81.4700, 80.0028,
82.2914

■ 81.5065, 80.0174,
82.4835

■ 81.5430, 80.0320,
82.6759

Harmonies

Analogous

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



50.6583, 64.2145, 62.5843



50.7902, 64.2145, 79.5297



53.5492, 64.2145, 96.2046

Triad

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



50.7902, 64.2145, 79.5297



69.6296, 64.2145, 94.7678



63.7288, 64.2145, 42.8557

Complementary

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



50.7902, 64.2145, 79.5297



44.9286, 36.5285, 29.8845

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.



69.1855, 64.2145, 48.9182



50.7902, 64.2145, 79.5297



72.7376, 64.2145, 77.8048

Square

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



50.7902, 64.2145, 79.5297



64.3036, 64.2145, 105.9253



72.5700, 64.2145, 61.1149



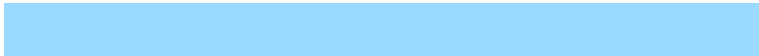
57.8771, 64.2145, 43.1647

Rectangle

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



50.7902, 64.2145, 79.5297



56.6147, 64.2145, 104.1239



72.5700, 64.2145, 61.1149



65.6774, 64.2145, 44.1682

Sweetspot

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



50.7921, 64.2170, 79.5312



85.4189, 95.0412, 108.1682



42.4440, 60.9052, 34.3313



18.0507, 20.2231, 23.1342



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.



50.7921, 64.2170, 79.5312



64.4477, 84.2493, 106.3210



41.2879, 44.9917, 77.0320



14.1092, 15.5694, 17.6101



23.1409, 34.0812, 45.3265



1.6063, 2.3632, 3.1539

Inverse Universe

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



44.9286, 36.5285, 29.8845



55.5086, 42.0309, 30.6288



51.9191, 50.6284, 31.8483



13.7139, 13.7032, 14.2634



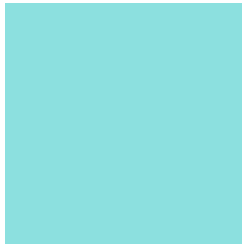
17.9047, 9.2289, 0.8980



1.2434, 0.6406, 0.0747

Previews

White Background



This preview shows how the XYZ color 50.7902, 64.2145, 79.5297 looks on a white background.

Color Contrast Check

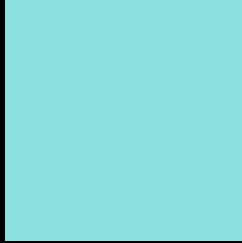
Large Text (above 18pt) WCAG AA × Fail

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 50.7902, 64.2145, 79.5297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

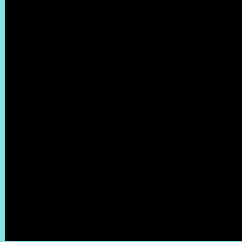
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7902, 64.2145, 79.5297

Background



This preview shows how black text looks on a background with the XYZ color 50.7902, 64.2145, 79.5297.



This preview shows how white text looks on a background with the XYZ color 50.7902, 64.2145,

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

50.7902, 64.2145, 79.5297

Protanopia

61.4301, 63.7647, 72.0209

Deuteranopia

64.7363, 63.4736, 81.5127



Tritanopia

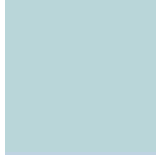
52.9380, 63.8742, 91.2002

Trichromacy



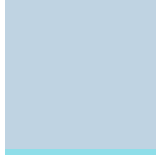
Original Color

50.7902, 64.2145, 79.5297



Protanomaly

56.5785, 63.4172, 74.9044



Deuteranomaly

58.5076, 63.1559, 81.0581



Tritanomaly

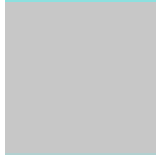
52.1569, 63.9654, 86.6884

Monochromacy



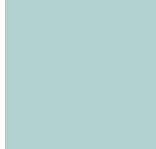
Original Color

50.7902, 64.2145, 79.5297



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

52.3011, 59.1308, 68.3313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7902, 64.2145, 79.5297 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(140, 224, 223) looks like.

```
.text, #text, p{  
    color:rgb(140, 224, 223)  
}
```

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(140, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 224, 223) }
```

Border

The CSS property to change the border of an element to XYZ 50.7902, 64.2145, 79.5297 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(140, 224, 223) }
```


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

```
.border{ border-color:rgb(140, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 224, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 224, 223);  
box-shadow:4px 4px 4px 4px rgb(140, 224,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7902, 64.2145, 79.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 224, 223) }
```

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

```
.background{ background-color: rgb(140,  
224, 223) }
```

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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