

Converting Colors

XYZ(52.8779, 65.0624, 79.9050)

Have a look what the booklet for
XYZ(52.8779, 65.0624, 79.9050)
contains.

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Color

**XYZ(52.6559, 64.7785,
79.5403)**

Conversions

Conversions Part 1

Format	Color
Hex	98DFDF
RGB	152, 223, 223
RGB Percent	60%, 87%, 87%
CMY	0.4039, 0.1255, 0.1255
CMYK	0.32, 0.00, 0.00, 0.13
HSL	180°, 53%, 74%
HSV	180°, 32%, 87%
XYZ	52.6559, 64.7785, 79.5403
YIQ	201.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

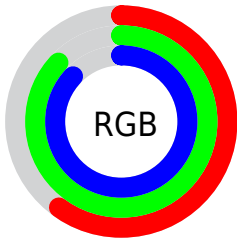
Format	Color
RYB	152, 188, 223
Decimal	10018783
CIELab	84.37, -21.98, -7.07
CIELCh	84, 23.086, 197.842
Yxy	64.7785, 0.2673, 0.3289
Android (android.graphics.Color)	4288208863 (0xFF98DFDF)
YUV	201.7710, 10.4659, -43.6492
Hunter-Lab	80.4851, -24.0685, -2.2544

Details

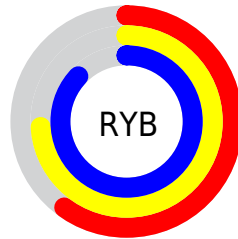
The XYZ color **52.6559, 64.7785, 79.5403** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.3295, 40.4134, 35.0143**, and the grayscale version is **55.9537, 58.8676, 64.1068**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **26.0003, 33.3738, 42.1172** is the 20% darker color. If you saturate the color by 10%, you get **48.8686, 62.8277, 79.3639**, and if you desaturate by 10%, it is **57.2317, 67.1390, 79.7564**.

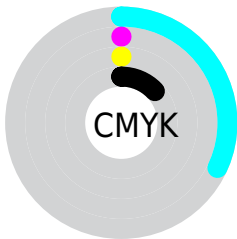
Distribution



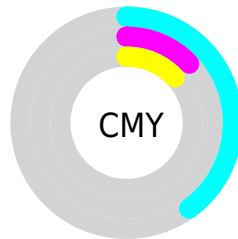
- Red (60%)
- Green (87%)
- Blue (87%)



- Red (60%)
- Yellow (74%)
- Blue (87%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (40%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6559, 64.7785, 79.5403 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 52.6559, 64.7785, 79.5403 by changing the saturation by 10% instead.

52.6559, 64.7785,
79.5403

52.6559, 64.7785,
79.5403

387.2461,
441.9956, 513.0481

37.7545, 47.2815,
58.8162

93.2663, 111.7313,
134.5248

25.9686, 33.2582,
42.0461

119.7061,
141.9560, 169.6222

16.9327, 22.3243,
28.8116

150.7228,
177.1919, 210.3479

10.2815, 14.0954,
18.6940

186.6816,
217.8236, 257.1203

5.6497, 8.1871,
11.2748

227.9480,
264.2355, 310.3580

2.6719, 4.2149,
6.1355

274.8873,

0.9827, 1.7945,

316.8118, 370.4795

2.8575

327.8649,
375.9370, 437.9033

■ 0.0000, 0.4837,
1.0224

■ 0.0000, 0.0000,
0.0000

■ 52.6559, 64.7785,
79.5403

■ 52.6559, 64.7785,
79.5403

■ 48.8686, 62.8277,
79.3639

■ 57.2317, 67.1390,
79.7564

■ 45.8200, 61.2561,
79.2207

■ 62.6309, 69.9224,
80.0097

■ 43.4635, 60.0413,
79.1098

■ 68.8933, 73.1508,
80.3033

■ 41.7451, 59.1554,
79.0288

■ 76.0544, 76.8424,
80.6390

■ 40.6024, 58.5664,
78.9748

■ 80.9488, 79.3656,
80.8686

■ 39.9609, 58.2356,
78.9442

■ 80.9489, 79.3656,
80.8692

■ 39.7075, 58.1051,
78.9319

■ 80.9490, 79.3657,
80.8698

■ 80.9491, 79.3657,
80.8703

■ 80.9493, 79.3658,
80.8709

Harmonies

Analogous

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



52.4283, 64.7785, 64.7530



52.6559, 64.7785, 79.5403



55.1885, 64.7785, 93.5965

Triad

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



52.6559, 64.7785, 79.5403



69.1696, 64.7785, 91.2265



63.6693, 64.7785, 46.3795

Complementary

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



52.6559, 64.7785, 79.5403



47.3295, 40.4134, 35.0143

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.



68.4254, 64.7785, 51.6080



52.6559, 64.7785, 79.5403



71.7171, 64.7785, 76.6466

Square

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



52.6559, 64.7785, 79.5403



64.6397, 64.7785, 100.9609



71.4374, 64.7785, 62.2323



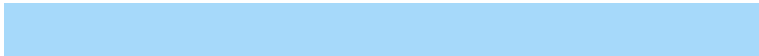
58.5991, 64.7785, 46.9295

Rectangle

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



52.6559, 64.7785, 79.5403



57.9268, 64.7785, 100.0402



71.4374, 64.7785, 62.2323



65.3629, 64.7785, 47.4858

Sweetspot

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



52.6578, 64.7811, 79.5418



86.2827, 95.4803, 108.4889



45.2287, 61.8352, 39.2588



18.2251, 20.3115, 23.2097



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.



52.6578, 64.7811, 79.5418



67.9297, 86.0190, 107.6279



44.3997, 48.2644, 76.7908



14.1166, 15.5724, 17.6493



23.3464, 34.1634, 46.4088



1.6183, 2.3680, 3.2168

Inverse Universe

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



47.3295, 40.4134, 35.0143



59.6644, 48.2200, 38.5572



53.7270, 53.2087, 37.1458



13.7073, 13.7006, 14.2289



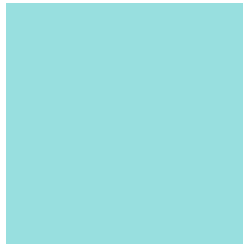
17.8932, 9.2243, 0.8376



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 52.6559, 64.7785, 79.5403 looks on a white background.

Color Contrast Check

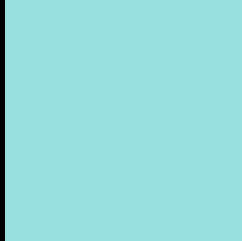
Large Text (above 18pt) WCAG AA × Fail

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 52.6559, 64.7785, 79.5403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

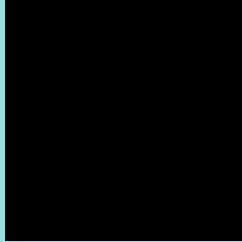
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6559, 64.7785, 79.5403

Background



This preview shows how black text looks on a background with the XYZ color 52.6559, 64.7785, 79.5403.

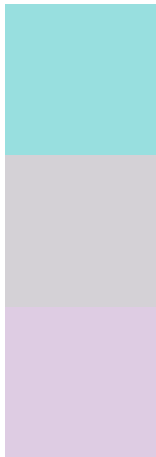


This preview shows how white text looks on a background with the XYZ color 52.6559, 64.7785,

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

52.6559, 64.7785, 79.5403

Protanopia

62.0894, 64.4530, 72.7865

Deuteranopia

65.5822, 64.2614, 81.6202



Tritanopia

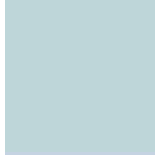
54.9994, 64.9539, 90.5275

Trichromacy



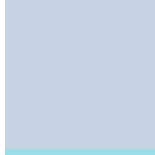
Original Color

52.6559, 64.7785, 79.5403



Protanomaly

57.8062, 64.0500, 74.9618



Deuteranomaly

60.0477, 63.9498, 81.1302



Tritanomaly

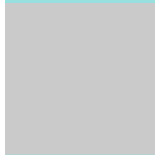
54.3468, 65.0943, 86.7909

Monochromacy



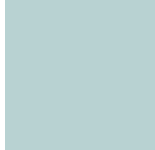
Original Color

52.6559, 64.7785, 79.5403



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.4466, 60.9367, 69.8651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6559, 64.7785, 79.5403 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(152, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(152, 223, 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(152, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 52.6559, 64.7785, 79.5403 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(152, 223, 223) }
```


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

```
.border{ border-color:rgb(152, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 223, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 223, 223); box-shadow:4px 4px 4px 4px rgb(152, 223, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6559, 64.7785, 79.5403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 223, 223) }
```

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

```
.background{ background-color: rgb(152,  
223, 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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