

Converting Colors

XYZ(54.8112, 65.8896, 79.6411)

Have a look what the booklet for
XYZ(54.8112, 65.8896, 79.6411)
contains.

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Color

**XYZ(54.8112, 65.8896,
79.6411)**

Conversions

Conversions Part 1

Format	Color
Hex	A3DFDF
RGB	163, 223, 223
RGB Percent	64%, 87%, 87%
CMY	0.3608, 0.1255, 0.1255
CMYK	0.27, 0.00, 0.00, 0.13
HSL	180°, 48%, 76%
HSV	180°, 27%, 87%
XYZ	54.8112, 65.8896, 79.6411
YIQ	205.0600, -35.7600, -12.7200

Conversions

Conversions Part 2

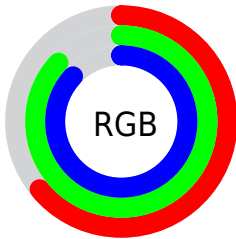
Format	Color
RYB	163, 193, 223
Decimal	10739679
CIELab	84.94, -18.91, -6.17
CIELCh	85, 19.887, 198.061
Yxy	65.8896, 0.2736, 0.3289
Android (android.graphics.Color)	4288929759 (0xFFA3DFDF)
YUV	205.0600, 8.8444, -36.8866
Hunter-Lab	81.1724, -21.5206, -1.3508

Details

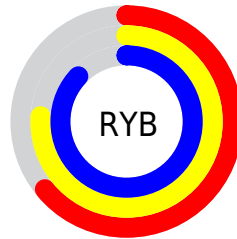
The XYZ color **54.8112, 65.8896, 79.6411** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1418, 44.5286, 40.6051**, and the grayscale version is **58.0298, 61.0519, 66.4855**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **27.3772, 34.0836, 42.1817** is the 20% darker color. If you saturate the color by 10%, you get **50.6421, 63.7420, 79.4467**, and if you desaturate by 10%, it is **59.7893, 68.4575, 79.8762**.

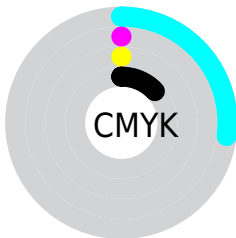
Distribution



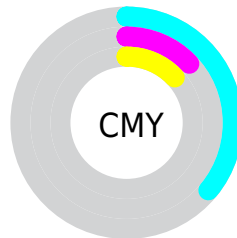
- Red (64%)
- Green (87%)
- Blue (87%)



- Red (64%)
- Yellow (76%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (36%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8112, 65.8896, 79.6411 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 54.8112, 65.8896, 79.6411 by changing the saturation by 10% instead.

■ 54.8112, 65.8896,
79.6411

■ 54.8112, 65.8896,
79.6411

395.3439,
445.9820, 513.3973

■ 39.4838, 48.1828,
58.8986

■ 96.4142, 113.3279,
134.6679

■ 27.3187, 33.9717,
42.1120

■ 123.4206,
143.8281, 169.7892

■ 17.9506, 22.8718,
28.8628

155.0506,
179.3616, 210.5406

■ 11.0140, 14.4989,
18.7324

191.6697,
220.3128, 257.3406

■ 6.1436, 8.4685,
11.3022

233.6433,
267.0660, 310.6078

■ 2.9741, 4.3961,
6.1538

281.3366,

■ 1.1401, 1.8975,

320.0057, 370.7606

2.8685

335.1150,
379.5162, 438.2176

■ 0.0582, 0.5469,
1.0279

■ 0.0000, 0.0000,
0.0000

■ 54.8112, 65.8896,
79.6411

■ 54.8112, 65.8896,
79.6411

■ 50.6421, 63.7420,
79.4467

■ 59.7893, 68.4575,
79.8762

■ 47.2339, 61.9851,
79.2864

■ 65.6097, 71.4581,
80.1493

■ 44.5424, 60.5976,
79.1597

■ 72.3111, 74.9127,
80.4637

■ 42.5165, 59.5532,
79.0642

■ 79.9278, 78.8393,
80.8209

41.0982, 58.8220,
78.9971

80.9490, 79.3657,
80.8694

40.2198, 58.3692,
78.9552

80.9491, 79.3658,
80.8702

39.7937, 58.1496,
78.9346

80.9493, 79.3658,
80.8709

39.7073, 58.1050,
78.9303

80.9494, 79.3659,
80.8716

80.9496, 79.3659,
80.8724

Harmonies

Analogous

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



54.5943, 65.8896, 66.7742



54.8112, 65.8896, 79.6411



57.0602, 65.8896, 91.6367

Triad

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



54.8112, 65.8896, 79.6411



69.2338, 65.8896, 89.4673



64.4194, 65.8896, 50.2699

Complementary

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



54.8112, 65.8896, 79.6411



50.1418, 44.5286, 40.6051

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.



68.5427, 65.8896, 54.9587



54.8112, 65.8896, 79.6411



71.4094, 65.8896, 76.9515

Square

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



54.8112, 65.8896, 79.6411



65.3265, 65.8896, 97.7576



71.1506, 65.8896, 64.3843



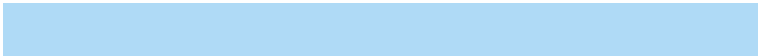
60.0011, 65.8896, 50.8082

Rectangle

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



54.8112, 65.8896, 79.6411



59.4721, 65.8896, 97.0597



71.1506, 65.8896, 64.3843



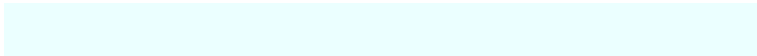
65.8897, 65.8896, 51.2618

Sweetspot

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



54.8131, 65.8923, 79.6426



87.9389, 96.3341, 108.5664



48.3103, 63.3149, 44.3264



18.5549, 20.4815, 23.2251



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.



54.8131, 65.8923, 79.6426



71.1316, 87.6697, 107.7774



47.7173, 51.6999, 77.2792



14.1166, 15.5724, 17.6493



23.3462, 34.1633, 46.4078



1.6182, 2.3680, 3.2168

Inverse Universe

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



50.1418, 44.5286, 40.6051



63.8424, 54.3336, 46.8629



55.8943, 56.0339, 42.5213



13.7073, 13.7006, 14.2289



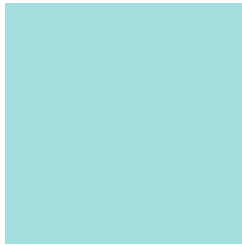
17.8932, 9.2243, 0.8376



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 54.8112, 65.8896, 79.6411 looks on a white background.

Color Contrast Check

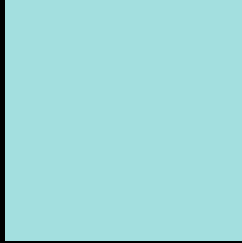
Large Text (above 18pt) WCAG AA × Fail

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 54.8112, 65.8896, 79.6411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

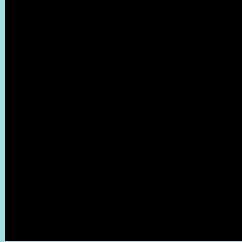
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8112, 65.8896, 79.6411

Background



This preview shows how black text looks on a background with the XYZ color 54.8112, 65.8896, 79.6411.

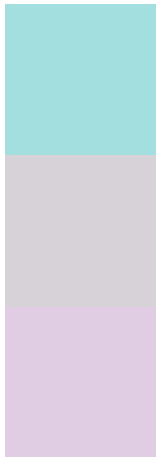


This preview shows how white text looks on a background with the XYZ color 54.8112, 65.8896,

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

54.8112, 65.8896, 79.6411

Protanopia

63.0439, 65.2956, 73.5705

Deuteranopia

66.7478, 65.2162, 81.7431



Tritanopia

57.0150, 65.9929, 90.6218

Trichromacy



Original Color

54.8112, 65.8896, 79.6411

Protanomaly

59.4610, 65.2649, 75.7931

Deuteranomaly

61.6281, 65.1345, 81.2756

Tritanomaly

56.3463, 66.1251, 86.8844

Monochromacy



Original Color

54.8112, 65.8896, 79.6411

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.6624, 62.7876, 71.4201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8112, 65.8896, 79.6411 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(163, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 54.8112, 65.8896, 79.6411 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(163, 223, 223) }
```


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

```
.border{ border-color:rgb(163, 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(163, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 223, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 223, 223); box-shadow:4px 4px 4px 4px rgb(163, 223, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8112, 65.8896, 79.6411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 223, 223) }
```

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

```
.background{ background-color: rgb(163,  
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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