

Converting Colors

XYZ(54.0179, 63.6594, 79.6513)

Have a look what the booklet for
XYZ(54.0179, 63.6594, 79.6513)
contains.

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Color

**XYZ(54.0430, 63.5240,
79.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	A5DAE0
RGB	165, 218, 224
RGB Percent	65%, 85%, 88%
CMY	0.3529, 0.1451, 0.1216
CMYK	0.26, 0.03, 0.00, 0.12
HSL	186°, 49%, 76%
HSV	186°, 26%, 88%
XYZ	54.0430, 63.5240, 79.9340
YIQ	202.8370, -33.5140, -9.3700

Conversions

Conversions Part 2

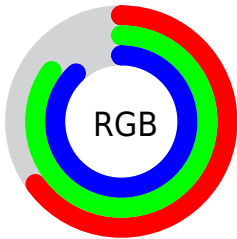
Format	Color
RYB	165, 193, 224
Decimal	10869472
CIELab	83.72, -15.59, -8.49
CIELCh	84, 17.754, 208.584
Yxy	63.5240, 0.2736, 0.3216
Android (android.graphics.Color)	4289059552 (0xFFA5DAE0)
YUV	202.8370, 10.4334, -33.1830
Hunter-Lab	79.7019, -18.4440, -3.6713

Details

The XYZ color **54.0430, 63.5240, 79.9340** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.0956, 47.6900, 42.0579**, and the grayscale version is **56.6157, 59.5641, 64.8653**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **26.8142, 32.4385, 42.3841** is the 20% darker color. If you saturate the color by 10%, you get **49.1998, 60.1583, 79.5407**, and if you desaturate by 10%, it is **59.7140, 67.3317, 80.3711**.

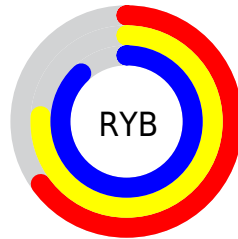
Distribution



Red (65%)

Green (85%)

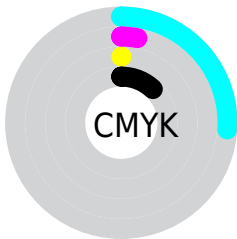
Blue (88%)



Red (65%)

Yellow (76%)

Blue (88%)

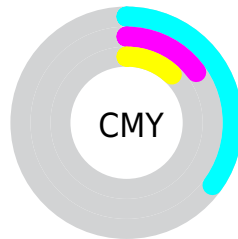


Cyan (26%)

Magenta (3%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (15%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0430, 63.5240, 79.9340 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 54.0430, 63.5240, 79.9340 by changing the saturation by 10% instead.

■ 54.0430, 63.5240,
79.9340

■ 54.0430, 63.5240,
79.9340

392.4696,
437.4687, 514.4113

■ 38.8668, 46.2653,
59.1382

■ 95.2939, 109.9251,
135.0835

■ 26.8364, 32.4552,
42.3036

■ 122.0994,
139.8363, 170.2743

■ 17.5864, 21.7094,
29.0118

153.5120,
174.7337, 211.1004

■ 10.7513, 13.6435,
18.8441

189.8971,
215.0018, 257.9806

■ 5.9659, 7.8732,
11.3820

231.6200,
261.0250, 311.3332

■ 2.8648, 4.0139,
6.2070

279.0462,

■ 1.0827, 1.6813,

313.1876, 371.5768

2.9005

332.5410,
371.8740, 439.1300

■ 0.0106, 0.4115,
1.0441

■ 0.0000, 0.0000,
0.0000

■ 54.0430, 63.5240,
79.9340

■ 54.0430, 63.5240,
79.9340

■ 49.1998, 60.1583,
79.5407

■ 59.7140, 67.3317,
80.3711

■ 45.1363, 57.2049,
79.1848

■ 66.2468, 71.5942,
80.8496

■ 41.8078, 54.6423,
78.8656

■ 73.6801, 76.3331,
81.3725

■ 39.1630, 52.4442,
78.5807

■ 82.0487, 81.5663,
81.9415

■ 37.1438, 50.5803,
78.3274

■ 82.8218, 82.8961,
82.1574

■ 35.6823, 49.0158,
78.1024

■ 83.4574, 84.1673,
82.3693

■ 34.6933, 47.7067,
77.9018

■ 84.1013, 85.4551,
82.5839

■ 34.3955, 47.2634,
77.8320

■ 84.7536, 86.7595,
82.8013

■ 85.4142, 88.0807,
83.0215

Harmonies

Analogous

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



53.2025, 63.5240, 68.6388



54.0430, 63.5240, 79.9340



56.5611, 63.5240, 89.1126

Triad

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



54.0430, 63.5240, 79.9340



66.9906, 63.5240, 80.9480



60.5627, 63.5240, 49.8807

Complementary

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



54.0430, 63.5240, 79.9340



52.0956, 47.6900, 42.0579

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.



64.3622, 63.5240, 52.4443



54.0430, 63.5240, 79.9340



68.1705, 63.5240, 69.6976

Square

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



54.0430, 63.5240, 79.9340



64.0287, 63.5240, 89.7409



67.1889, 63.5240, 59.4128



56.8681, 63.5240, 52.0053

Rectangle

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



54.0430, 63.5240, 79.9340



58.9088, 63.5240, 92.3688



67.1889, 63.5240, 59.4128



61.8707, 63.5240, 50.2171

Sweetspot

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



54.0449, 63.5266, 79.9355



87.2811, 95.0182, 108.3479



49.5151, 64.2483, 48.2708



18.3878, 20.1472, 23.1696



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.



54.0449, 63.5266, 79.9355



68.5429, 82.4914, 106.9176



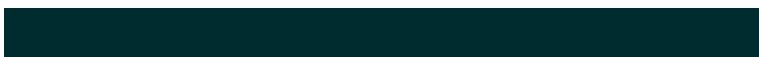
47.0845, 49.6058, 77.6153



13.9913, 15.3217, 17.6077



20.0695, 27.6085, 45.3196



1.4259, 1.9833, 3.1529

Inverse Universe

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



56.8520, 47.8209, 72.5666



73.0035, 57.9980, 95.1046



58.2802, 60.0592, 44.1195



14.2318, 13.9104, 16.9910



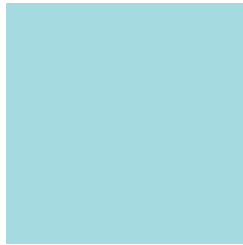
24.0703, 11.6951, 33.3658



1.6860, 0.8177, 2.4053

Previews

White Background



This preview shows how the XYZ color 54.0430, 63.5240, 79.9340 looks on a white background.

Color Contrast Check

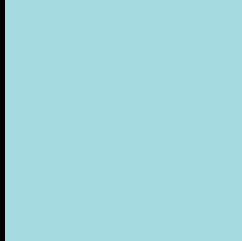
Large Text (above 18pt) WCAG AA × Fail

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 54.0430, 63.5240, 79.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

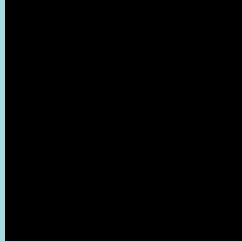
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0430, 63.5240, 79.9340

Background



This preview shows how black text looks on a background with the XYZ color 54.0430, 63.5240, 79.9340.

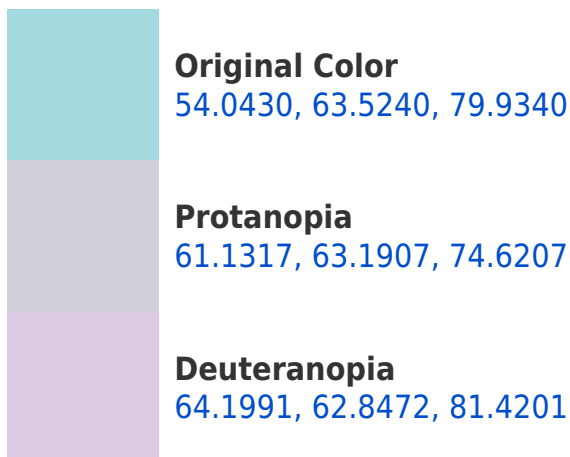


This preview shows how white text looks on a background with the XYZ color 54.0430, 63.5240,

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

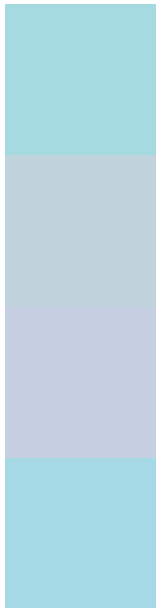




Tritanopia

55.3435, 63.2677, 87.1369

Trichromacy



Original Color

54.0430, 63.5240, 79.9340

Protanomaly

58.2049, 63.0933, 76.8206

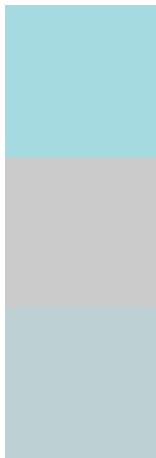
Deuteranomaly

59.8365, 62.7449, 80.9088

Tritanomaly

54.8217, 63.4459, 84.2198

Monochromacy



Original Color

54.0430, 63.5240, 79.9340

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

55.3000, 60.6337, 70.4169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0430, 63.5240, 79.9340 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(165, 218, 224)` looks like.

```
.text, #text, p{  
    color:rgb(165, 218, 224)  
}
```

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(165, 218, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 218, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.0430, 63.5240, 79.9340 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(165, 218, 224) }
```


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

```
.border{ border-color:rgb(165, 218, 224) }
```

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

Here you see how a box with a 4 pixel rgb(165, 218, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 218, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 218, 224);  
box-shadow:4px 4px 4px 4px rgb(165, 218,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0430, 63.5240, 79.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 218, 224) }
```

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

```
.background{ background-color: rgb(165,  
218, 224) }
```

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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