

# Converting Colors

XYZ(54.5060, 64.4486, 79.3802)

Have a look what the booklet for  
XYZ(54.5060, 64.4486, 79.3802)  
contains.

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# Color

**XYZ(54.6384, 64.6211,  
79.4054)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A6DCDF
RGB	166, 220, 223
RGB Percent	65%, 86%, 87%
CMY	0.3490, 0.1372, 0.1255
CMYK	0.26, 0.01, 0.00, 0.13
HSL	183°, 47%, 76%
HSV	183°, 26%, 87%
XYZ	54.6384, 64.6211, 79.4054
YIQ	204.1960, -33.1470, -10.5150

# Conversions

## Conversions Part 2

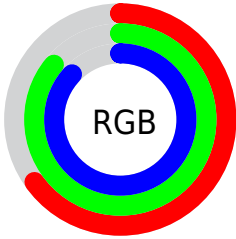
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 194, 223
Decimal	10935519
CIELab	84.29, -16.54, -7.11
CIELCh	84, 18.000, 203.273
Yxy	64.6211, 0.2750, 0.3253
Android (android.graphics.Color)	4289125599 (0xFFA6DCDF)
YUV	204.1960, 9.2704, -33.4979
Hunter-Lab	80.3873, -19.3530, -2.2948

# Details

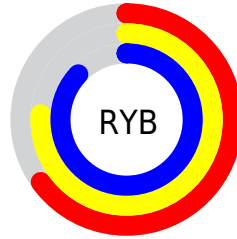
The XYZ color **54.6384, 64.6211, 79.4054** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.5031, 46.8175, 42.4000**, and the grayscale version is **57.4782, 60.4715, 65.8535**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **27.2051, 33.1822, 42.0167** is the 20% darker color. If you saturate the color by 10%, you get **50.0568, 61.8055, 79.1045**, and if you desaturate by 10%, it is **60.0365, 67.8641, 79.7479**.

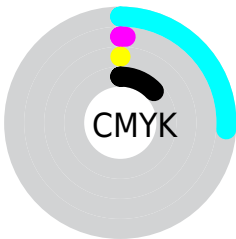
# Distribution



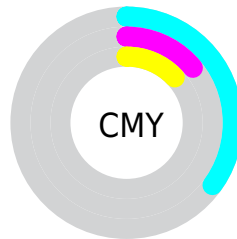
- Red (65%)
- Green (86%)
- Blue (87%)



- Red (65%)
- Yellow (76%)
- Blue (87%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)




- Cyan (35%)
- Magenta (14%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6384, 64.6211, 79.4054 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 54.6384, 64.6211, 79.4054 by changing the saturation by 10% instead.





 54.6384, 64.6211,  
79.4054


 54.6384, 64.6211,  
79.4054

394.6985,  
441.4291, 512.5806

 39.3450, 47.1539,  
58.7059

 96.1624, 111.5049,  
134.3333

 27.2101, 33.1573,  
41.9580


 123.1236,  
141.6904, 169.3987

 17.8685, 22.2470,  
28.7430


154.7049,  
176.8840, 210.0899

 10.9547, 14.0385,  
18.6426

191.2715,  
217.4703, 256.8253

 6.1035, 8.1475,  
11.2381

233.1888,  
263.8335, 310.0236

 2.9494, 4.1894,  
6.1111

280.8222,

 1.1270, 1.7801,

316.3581, 370.1032

2.8429

334.5370,  
375.4285, 437.4826

■ 0.0476, 0.4747,  
1.0150

■ 0.0000, 0.0000,  
0.0000

■ 54.6384, 64.6211,  
79.4054

■ 54.6384, 64.6211,  
79.4054

■ 50.0568, 61.8055,  
79.1045

■ 60.0365, 67.8641,  
79.7479

■ 46.2442, 59.3880,  
78.8388

■ 66.2841, 71.5466,  
80.1294

■ 43.1569, 57.3475,  
78.6077

■ 73.4197, 75.6900,  
80.5531

■ 40.7445, 55.6581,  
78.4087

■ 81.4023, 80.2734,  
81.0170

■ 38.9501, 54.2905,  
78.2393

■ 81.7198, 80.9085,  
81.1229

■ 37.7077, 53.2106,  
78.0964

■ 82.0396, 81.5480,  
81.2295

■ 36.9358, 52.3765,  
77.9761

■ 82.3615, 82.1918,  
81.3368

■ 36.6821, 52.0530,  
77.9270

■ 82.6856, 82.8400,  
81.4448

■ 83.0119, 83.4926,  
81.5536

# Harmonies

## Analogous

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



54.1115, 64.6211, 67.8188



54.6384, 64.6211, 79.4054



56.9456, 64.6211, 89.4832

# Triad

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



54.6384, 64.6211, 79.4054



67.7774, 64.6211, 84.3365



62.3235, 64.6211, 50.7175

# Complementary

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



54.6384, 64.6211, 79.4054



51.5031, 46.8175, 42.4000

# 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.



66.1238, 64.6211, 54.1784



54.6384, 64.6211, 79.4054



69.3595, 64.6211, 72.9668

# Square

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



54.6384, 64.6211, 79.4054



64.5021, 64.6211, 92.5387



68.7416, 64.6211, 62.0316



58.4385, 64.6211, 52.0447



# Rectangle

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



54.6384, 64.6211, 79.4054



59.2386, 64.6211, 93.5727



68.7416, 64.6211, 62.0316



63.6552, 64.6211, 51.3459

# Sweetspot

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



54.6403, 64.6237, 79.4069



87.5978, 95.6516, 108.4535



49.2622, 63.7425, 47.1709



18.4682, 20.3080, 23.1964



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.



54.6403, 64.6237, 79.4069



70.3914, 85.3407, 107.3701



47.8194, 50.9819, 77.1332



14.0516, 15.4423, 17.6278



21.5949, 30.6594, 45.8280



1.5160, 2.1635, 3.1829



# Inverse Universe

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



56.9875, 48.1293, 73.9994



74.1434, 59.2462, 98.6651



57.3614, 58.5341, 44.3528



14.2623, 13.9225, 17.1512



24.8403, 12.0031, 37.4204

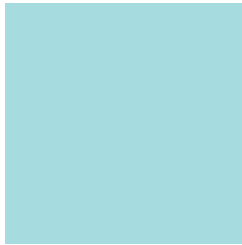


1.7315, 0.8359, 2.6448



# Previews

## White Background



This preview shows how the XYZ color 54.6384, 64.6211, 79.4054 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

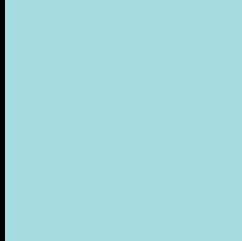
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.6384, 64.6211, 79.4054 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

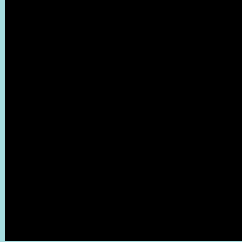
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.6384, 64.6211, 79.4054

## Background



This preview shows how black text looks on a background with the XYZ color 54.6384, 64.6211, 79.4054.



This preview shows how white text looks on a background with the XYZ color 54.6384, 64.6211,

79.4054.

# 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

54.6384, 64.6211, 79.4054

### Protanopia

61.8145, 63.9185, 74.0453

### Deuteranopia

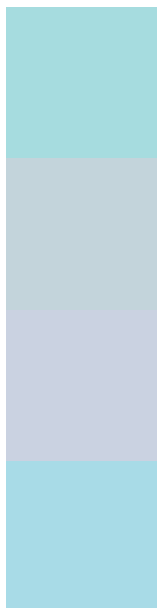
65.4445, 64.2063, 80.8953



## Tritanopia

56.5739, 64.6340, 88.8507

# Trichromacy



## Original Color

54.6384, 64.6211, 79.4054

## Protanomaly

58.8353, 63.8035, 76.2322

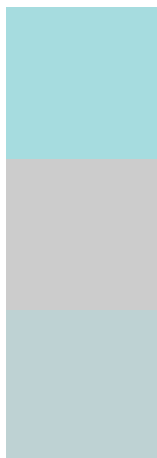
## Deuteranomaly

60.9943, 64.0860, 80.3892

## Tritanomaly

55.9038, 64.7574, 85.1543

# Monochromacy



## Original Color

54.6384, 64.6211, 79.4054

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

56.0397, 61.7435, 70.5921

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.6384, 64.6211, 79.4054 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(166, 220, 223)` looks like.

```
.text, #text, p{  
    color:rgb(166, 220, 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(166, 220, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 220, 223) }
```

## Border

The CSS property to change the border of an element to XYZ 54.6384, 64.6211, 79.4054 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(166, 220, 223) }
```



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

```
.border{ border-color:rgb(166, 220, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 220, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 220, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 220, 223); box-shadow:4px 4px 4px 4px rgb(166, 220, 223) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.6384, 64.6211, 79.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 220, 223) }
```

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

```
.background{ background-color: rgb(166,  
220, 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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