

# Converting Colors

XYZ(56.1395, 75.4998, 79.2986)

Have a look what the booklet for  
XYZ(56.1395, 75.4998, 79.2986)  
contains.

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# Color

**XYZ(56.0842, 75.4441,  
79.3164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CF4DC
RGB	140, 244, 220
RGB Percent	55%, 96%, 86%
CMY	0.4510, 0.0431, 0.1372
CMYK	0.43, 0.00, 0.10, 0.04
HSL	166°, 83%, 75%
HSV	166°, 43%, 96%
XYZ	56.0842, 75.4441, 79.3164
YIQ	210.1680, -54.2800, -29.5120

# Conversions

## Conversions Part 2

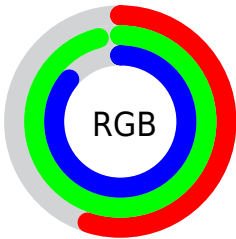
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 199, 244
Decimal	9237724
CIE <sub>Lab</sub>	89.60, -35.80, 2.11
CIE <sub>LCh</sub>	90, 35.861, 176.619
Yxy	75.4441, 0.2660, 0.3578
Android (android.graphics.Color)	4287427804 (0xFF8CF4DC)
YUV	210.1680, 4.8472, -61.5373
Hunter-Lab	86.8586, -36.7458, 6.6593

# Details

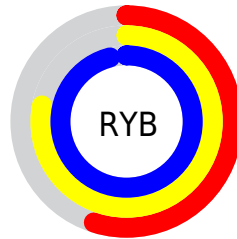
The XYZ color **56.0842, 75.4441, 79.3164** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.3897, 40.6717, 40.1614**, and the grayscale version is **61.3654, 64.5612, 70.3071**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **28.0415, 40.0511, 41.8500** is the 20% darker color. If you saturate the color by 10%, you get **51.6868, 73.2638, 75.2838**, and if you desaturate by 10%, it is **61.4226, 78.1104, 83.5275**.

# Distribution



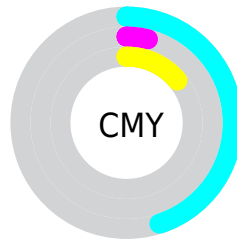
- Red (55%)
- Green (96%)
- Blue (86%)



- Red (55%)
- Yellow (78%)
- Blue (96%)



- Cyan (43%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)




- Cyan (45%)
- Magenta (4%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0842, 75.4441, 79.3164 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 56.0842, 75.4441, 79.3164 by changing the saturation by 10% instead.





 56.0842, 75.4441,  
79.3164


 56.0842, 75.4441,  
79.3164

400.0786,  
479.4426, 512.2719

 40.5077, 55.9768,  
58.6331


 98.2668, 126.9408,  
134.2069

 28.1206, 40.1843,  
41.8998


 125.6036,  
159.7390, 169.2512

 18.5575, 27.6823,  
28.6979


157.5911,  
197.7496, 209.9196

 11.4531, 18.0863,  
18.6088

194.5949,  
241.3570, 256.6306

 6.4420, 11.0120,  
11.2140

236.9802,  
290.9456, 309.8029

 3.1588, 6.0749,  
6.0950

285.1123,

 1.2383, 2.8907,

346.8998, 369.8548

2.8332

339.3567,  
409.6040, 437.2050

■ 0.1363, 1.0749,  
1.0101

■ 0.0000, 0.0000,  
0.0000

■ 56.0842, 75.4441,  
79.3164

■ 56.0842, 75.4441,  
79.3164

■ 51.6868, 73.2638,  
75.2838

■ 61.4226, 78.1104,  
83.5275

■ 48.1627, 71.5289,  
71.4204


■ 67.7510, 81.2823,  
87.9156


■ 45.4455, 70.2072,  
67.7233


■ 75.1229, 84.9891,  
92.4863


■ 43.4561, 69.2578,  
64.1876


■ 83.5859, 89.2554,  
97.2429

 42.0987, 68.6314,  
60.8075

 90.5599, 92.7511,  
102.0660

 41.3957, 68.3214,  
58.4076

 91.4478, 93.1063,  
106.7414

 91.6420, 93.1839,  
107.7640

# Harmonies

## Analogous

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



58.4655, 75.4441, 58.2291



56.0842, 75.4441, 79.3164



57.5976, 75.4441, 105.8698

# Triad

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



56.0842, 75.4441, 79.3164



79.5724, 75.4441, 133.6294



81.4425, 75.4441, 47.9150

# Complementary

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



56.0842, 75.4441, 79.3164



53.3897, 40.6717, 40.1614

# 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.



87.9516, 75.4441, 62.2604



56.0842, 75.4441, 79.3164



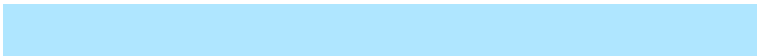
86.8113, 75.4441, 111.8507

# Square

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



56.0842, 75.4441, 79.3164



70.7125, 75.4441, 140.7518



89.9918, 75.4441, 85.0417



72.7115, 75.4441, 42.5940



# Rectangle

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



56.0842, 75.4441, 79.3164



60.6850, 75.4441, 122.7153



89.9918, 75.4441, 85.0417



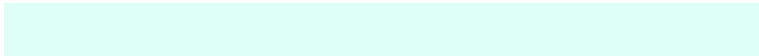
83.9896, 75.4441, 51.6767

# Sweetspot

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



56.0863, 75.4471, 79.3181



82.6807, 93.7629, 102.0189



52.4516, 74.5188, 36.4315



17.2917, 19.8651, 21.5936



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.



56.0863, 75.4471, 79.3181



57.7988, 81.3117, 83.8723



51.7709, 61.3583, 94.7061



16.8235, 18.6885, 20.3550



22.5627, 37.1699, 32.0468



2.0219, 3.2824, 3.0212



# Inverse Universe

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



53.3897, 40.6717, 40.1614



54.4807, 38.2799, 35.5120



55.9978, 49.0358, 31.3259



16.6558, 16.5452, 17.9340



20.7215, 10.6320, 3.2419

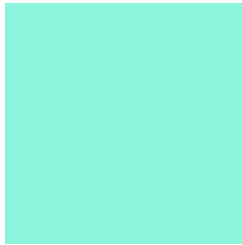


1.8591, 0.9496, 0.4844



# Previews

## White Background



This preview shows how the XYZ color 56.0842, 75.4441, 79.3164 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

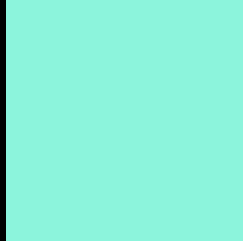
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 56.0842, 75.4441, 79.3164 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

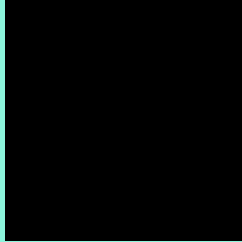
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

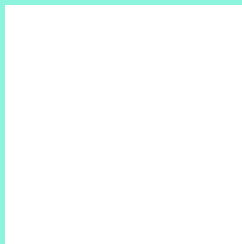
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 56.0842, 75.4441, 79.3164

## Background



This preview shows how black text looks on a background with the XYZ color 56.0842, 75.4441, 79.3164.



This preview shows how white text looks on a background with the XYZ color 56.0842, 75.4441,

79.3164.

# 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

56.0842, 75.4441, 79.3164

### Protanopia

71.1750, 74.5346, 70.9569

### Deuteranopia

76.1965, 74.5292, 82.3211



## Tritanopia

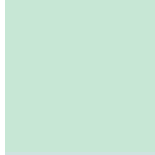
62.4347, 75.0575, 105.8046

# Trichromacy



## Original Color

56.0842, 75.4441, 79.3164



## Protanomaly

64.1393, 74.0980, 73.8726



## Deuteranomaly

66.6558, 73.5854, 81.2113



## Tritanomaly

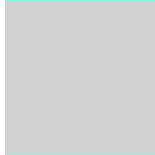
59.9496, 75.3103, 95.3811

# Monochromacy



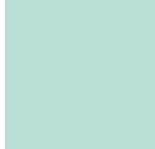
## Original Color

56.0842, 75.4441, 79.3164



## Achromatopsia

61.2578, 64.4480, 70.1838



## Achromatomaly

58.2665, 67.4119, 73.5592

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.0842, 75.4441, 79.3164 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, 244, 220)` looks like.

```
.text, #text, p{  
    color:rgb(140, 244, 220)  
}
```

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, 244, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 244, 220) }
```

## Border

The CSS property to change the border of an element to XYZ 56.0842, 75.4441, 79.3164 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, 244, 220) }
```



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

```
.border{ border-color:rgb(140, 244, 220) }
```

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

Here you see how a box with a 4 pixel rgb(140, 244, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 244, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 244, 220);  
box-shadow:4px 4px 4px 4px rgb(140, 244,  
220) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.0842, 75.4441, 79.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 244, 220) }
```

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

```
.background{ background-color: rgb(140,  
244, 220) }
```

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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