

Converting Colors

XYZ(51.7323, 63.7951, 84.4499)

Have a look what the booklet for
XYZ(51.7323, 63.7951, 84.4499)
contains.

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Color

**XYZ(51.7319, 63.7954,
84.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	8FDEE6
RGB	143, 222, 230
RGB Percent	56%, 87%, 90%
CMY	0.4392, 0.1294, 0.0980
CMYK	0.38, 0.03, 0.00, 0.10
HSL	186°, 64%, 73%
HSV	186°, 38%, 90%
XYZ	51.7319, 63.7954, 84.4501
YIQ	199.2910, -49.6520, -14.2600

Conversions

Conversions Part 2

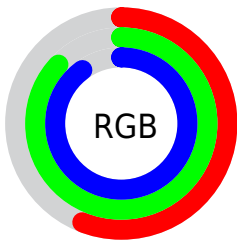
Format	Color
RYB	143, 184, 230
Decimal	9428710
CIELab	83.86, -22.19, -11.59
CIELCh	84, 25.035, 207.567
Yxy	63.7954, 0.2587, 0.3190
Android (android.graphics.Color)	4287618790 (0xFF8FDEE6)
YUV	199.2910, 15.1395, -49.3672
Hunter-Lab	79.8720, -24.1643, -6.7779

Details

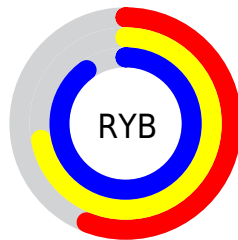
The XYZ color **51.7319, 63.7954, 84.4501** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6586, 40.9401, 31.3257**, and the grayscale version is **54.3978, 57.2307, 62.3243**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **25.4871, 32.7588, 45.5372** is the 20% darker color. If you saturate the color by 10%, you get **47.5936, 60.8351, 84.0979**, and if you desaturate by 10%, it is **56.6973, 67.1956, 84.8458**.

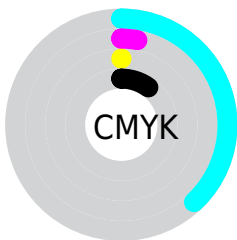
Distribution



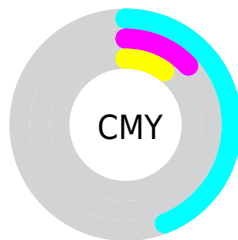
- Red (56%)
- Green (87%)
- Blue (90%)



- Red (56%)
- Yellow (72%)
- Blue (90%)



- Cyan (38%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (44%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7319, 63.7954, 84.4501 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 51.7319, 63.7954, 84.4501 by changing the saturation by 10% instead.

■ 51.7319, 63.7954,
84.4501

■ 51.7319, 63.7954,
84.4501

383.7417,
438.4504, 529.9038

■ 37.0148, 46.4850,
62.8396

■ 91.9123, 110.3162,
141.4720

■ 25.3927, 32.6287,
45.2713

■ 118.1063,
140.2954, 177.7204

■ 16.5002, 21.8422,
31.3267

148.8567,
175.2663, 219.6852

■ 9.9719, 13.7410,
20.5872

184.5289,
215.6134, 267.7849

■ 5.4424, 7.9407,
12.6343

225.4881,
261.7209, 322.4381

■ 2.5465, 4.0570,
7.0494

272.0997,

■ 0.9188, 1.7055,

313.9733, 384.0632

3.4141

324.7291,
372.7550, 453.0790

■ 0.0000, 0.4272,
1.3098

■ 0.0000, 0.0000,
0.0698

■ 51.7319, 63.7954,
84.4501

■ 51.7319, 63.7954,
84.4501

■ 47.5936, 60.8351,
84.0979

■ 56.6973, 67.1956,
84.8458

■ 44.2264, 58.2812,
83.7824

■ 62.5301, 71.0519,
85.2827

■ 41.5765, 56.1074,
83.5025

■ 69.2747, 75.3889,
85.7644

■ 39.5805, 54.2811,
83.2552

■ 76.9709, 80.2269,
86.2926

■ 38.1639, 52.7638,
83.0370

■ 84.5421, 85.0112,
86.8170

■ 37.2243, 51.5026,
82.8431

■ 85.1428, 86.2126,
87.0172

■ 37.0488, 51.2446,
82.8025

■ 85.7507, 87.4284,
87.2198

■ 86.3659, 88.6587,
87.4249

■ 86.9882, 89.9035,
87.6323

Harmonies

Analogous

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



50.6673, 63.7954, 68.1842



51.7319, 63.7954, 84.4501



55.1365, 63.7954, 98.3040

Triad

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



51.7319, 63.7954, 84.4501



70.0111, 63.7954, 87.0131



61.0858, 63.7954, 43.3739

Complementary

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



51.7319, 63.7954, 84.4501



48.6586, 40.9401, 31.3257

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.



66.4887, 63.7954, 46.8980



51.7319, 63.7954, 84.4501



71.8324, 63.7954, 70.7564

Square

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



51.7319, 63.7954, 84.4501



65.6650, 63.7954, 99.9341



70.5065, 63.7954, 56.3619



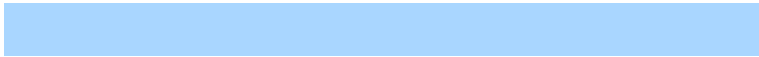
55.8698, 63.7954, 45.9152

Rectangle

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



51.7319, 63.7954, 84.4501



58.3862, 63.7954, 103.4532



70.5065, 63.7954, 56.3619



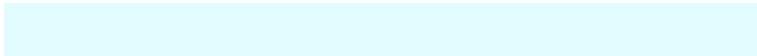
62.9421, 63.7954, 43.8749

Sweetspot

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



51.7338, 63.7979, 84.4516



84.6557, 93.4286, 108.1794



45.1510, 64.6446, 39.0593



17.8674, 19.8357, 23.1369



0.0000, 0.0000, 0.0000



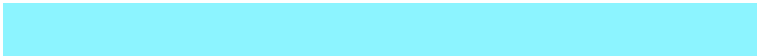
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.7338, 63.7979, 84.4516



61.3941, 77.7905, 106.3870



41.7823, 43.8949, 81.1344



14.6882, 16.0979, 18.4774



21.0225, 29.1072, 46.8934



1.5868, 2.2174, 3.4763

Inverse Universe

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



55.6420, 41.7434, 74.2347



67.0524, 46.6484, 91.4177



56.8285, 57.2800, 34.0490



14.9350, 14.5912, 17.8580



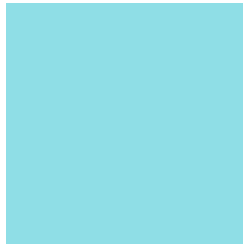
25.0047, 12.1361, 35.2494



1.8646, 0.9035, 2.6932

Previews

White Background



This preview shows how the XYZ color 51.7319, 63.7954, 84.4501 looks on a white background.

Color Contrast Check

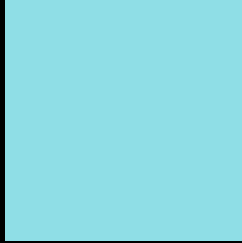
Large Text (above 18pt) WCAG AA × Fail

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 51.7319, 63.7954, 84.4501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

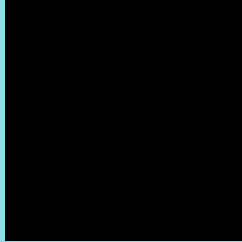
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7319, 63.7954, 84.4501

Background



This preview shows how black text looks on a background with the XYZ color 51.7319, 63.7954, 84.4501.

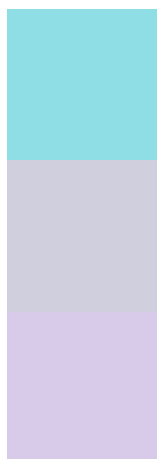


This preview shows how white text looks on a background with the XYZ color 51.7319, 63.7954,

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

51.7319, 63.7954, 84.4501

Protanopia

61.3764, 63.2560, 77.3814

Deuteranopia

64.5261, 63.2513, 86.6497



Tritanopia

52.9661, 63.9057, 90.4323

Trichromacy



Original Color

51.7319, 63.7954, 84.4501

Protanomaly

56.7652, 62.6591, 79.6236

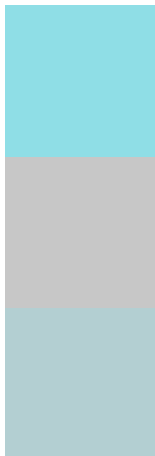
Deuteranomaly

58.7408, 62.7952, 86.1155

Tritanomaly

52.3534, 63.6404, 88.1218

Monochromacy



Original Color

51.7319, 63.7954, 84.4501

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.5361, 58.8625, 69.5654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7319, 63.7954, 84.4501 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(143, 222, 230)` looks like.

```
.text, #text, p{  
    color:rgb(143, 222, 230)  
}
```

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(143, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 222, 230) }
```

Border

The CSS property to change the border of an element to XYZ 51.7319, 63.7954, 84.4501 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(143, 222, 230) }
```


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

```
.border{ border-color:rgb(143, 222, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 222, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 222, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 222, 230);  
box-shadow:4px 4px 4px 4px rgb(143, 222,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7319, 63.7954, 84.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 222, 230) }
```

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

```
.background{ background-color: rgb(143,  
222, 230) }
```

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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