

Converting Colors

XYZ(50.5914, 64.0964, 80.2264)

Have a look what the booklet for
XYZ(50.5914, 64.0964, 80.2264)
contains.

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Color

**XYZ(50.5914, 64.0964,
80.2264)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE0E0
RGB	138, 224, 224
RGB Percent	54%, 88%, 88%
CMY	0.4588, 0.1216, 0.1216
CMYK	0.38, 0.00, 0.00, 0.12
HSL	180°, 58%, 71%
HSV	180°, 38%, 88%
XYZ	50.5914, 64.0964, 80.2264
YIQ	198.2860, -51.2560, -18.2320

Conversions

Conversions Part 2

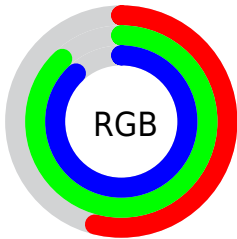
Format	Color
RYB	138, 181, 224
Decimal	9101536
CIELab	84.02, -25.89, -8.20
CIELCh	84, 27.158, 197.573
Yxy	64.0964, 0.2596, 0.3288
Android (android.graphics.Color)	4287291616 (0xFF8AE0E0)
YUV	198.2860, 12.6770, -52.8708
Hunter-Lab	80.0602, -27.3083, -3.3709

Details

The XYZ color **50.5914, 64.0964, 80.2264** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **44.4186, 35.8610, 28.6278**, and the grayscale version is **53.7996, 56.6014, 61.6389**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **24.6437, 32.6637, 42.5420** is the 20% darker color. If you saturate the color by 10%, you get **47.2612, 62.3812, 80.0715**, and if you desaturate by 10%, it is **54.6897, 66.2107, 80.4200**.

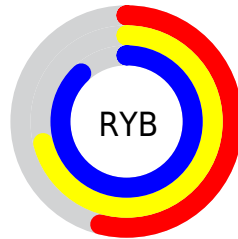
Distribution



Red (54%)

Green (88%)

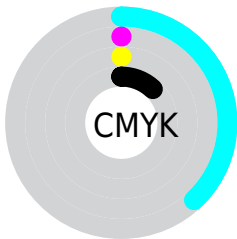
Blue (88%)



Red (54%)

Yellow (71%)

Blue (88%)

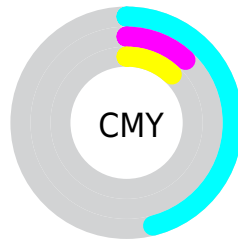


Cyan (38%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (46%)


Magenta (12%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5914, 64.0964, 80.2264 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 50.5914, 64.0964, 80.2264 by changing the saturation by 10% instead.


 50.5914, 64.0964,
80.2264


 50.5914, 64.0964,
80.2264


379.3881,
439.5377, 515.4224

 36.1033, 46.7288,
59.3774


 90.2371, 110.7498,
135.4983

 24.6844, 32.8213,
42.4950


 116.1254,
140.8043, 170.7582

 15.9696, 21.9896,
29.1606

146.5444,
175.8565, 211.6589

 9.5933, 13.8492,
18.9557

181.8595,
216.2909, 258.6189

 5.1904, 8.0159,
11.4618

222.4360,
262.4918, 312.0567

 2.3953, 4.1051,
6.2603

268.6394,

 0.8428, 1.7325,

314.8436, 372.3908

2.9327

320.8350,
373.7308, 440.0399

■ 0.0000, 0.4446,
1.0604

■ 0.0000, 0.0000,
0.0000

■ 50.5914, 64.0964,
80.2264

■ 50.5914, 64.0964,
80.2264

■ 47.2612, 62.3812,
80.0715

■ 54.6897, 66.2107,
80.4200

■ 44.6461, 61.0330,
79.9487

■ 59.5936, 68.7387,
80.6500

■ 42.6953, 60.0274,
79.8569

■ 65.3451, 71.7037,
80.9196

■ 41.3491, 59.3334,
79.7935

■ 71.9816, 75.1250,
81.2306

■ 40.5371, 58.9148,
79.7550

■ 79.5382, 79.0205,
81.5847

■ 40.1560, 58.7184,
79.7367

■ 81.3520, 79.9556,
81.6701

■ 40.1109, 58.6951,
79.7345

■ 81.3521, 79.9556,
81.6705

■ 81.3522, 79.9556,
81.6710

■ 81.3523, 79.9557,
81.6714

Harmonies

Analogous

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



50.3554, 64.0964, 62.9319



50.5914, 64.0964, 80.2264



53.4795, 64.0964, 97.0685

Triad

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



50.5914, 64.0964, 80.2264



69.8216, 64.0964, 94.4836



63.4332, 64.0964, 42.2873

Complementary

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



50.5914, 64.0964, 80.2264



44.4186, 35.8610, 28.6278

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.



69.0242, 64.0964, 48.1706



50.5914, 64.0964, 80.2264



72.8715, 64.0964, 77.1293

Square

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



50.5914, 64.0964, 80.2264



64.4644, 64.0964, 106.1814



72.5704, 64.0964, 60.3005



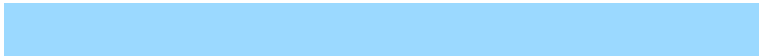
57.5113, 64.0964, 42.8383

Rectangle

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



50.5914, 64.0964, 80.2264



56.6339, 64.0964, 104.9228



72.5704, 64.0964, 60.3005



65.4207, 64.0964, 43.5319

Sweetspot

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



50.5933, 64.0989, 80.2279



84.6745, 94.6512, 108.4137



41.9650, 60.6752, 33.5458



17.9045, 20.1462, 23.1947



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.



50.5933, 64.0989, 80.2279



64.2411, 84.1175, 107.4554



40.7545, 44.4208, 76.9499



14.1166, 15.5724, 17.6493



23.3466, 34.1635, 46.4095



1.6183, 2.3680, 3.2169

Inverse Universe

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



44.4186, 35.8610, 28.6278



54.8515, 41.1774, 28.9893



51.5641, 50.1523, 31.0087



13.7073, 13.7006, 14.2289



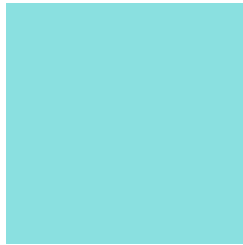
17.8932, 9.2243, 0.8375



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 50.5914, 64.0964, 80.2264 looks on a white background.

Color Contrast Check

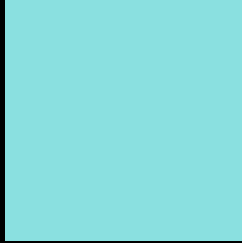
Large Text (above 18pt) WCAG AA × Fail

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 50.5914, 64.0964, 80.2264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

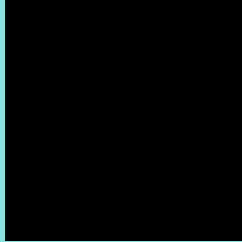
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5914, 64.0964, 80.2264

Background



This preview shows how black text looks on a background with the XYZ color 50.5914, 64.0964, 80.2264.



This preview shows how white text looks on a background with the XYZ color 50.5914, 64.0964,

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

50.5914, 64.0964, 80.2264

Protanopia

61.3144, 63.3296, 72.6105

Deuteranopia

64.8747, 63.5290, 82.2418



Tritanopia

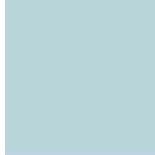
52.8566, 64.2253, 91.2722

Trichromacy



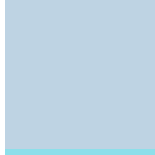
Original Color

50.5914, 64.0964, 80.2264



Protanomaly

56.2163, 62.8408, 75.4962



Deuteranomaly

58.3946, 63.0817, 81.7713



Tritanomaly

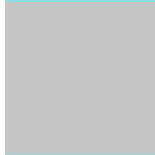
52.2235, 64.3786, 87.5157

Monochromacy



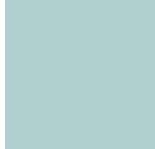
Original Color

50.5914, 64.0964, 80.2264



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

51.4798, 58.3607, 67.5830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5914, 64.0964, 80.2264 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(138, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(138, 224, 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(138, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 224, 224) }
```

Border

The CSS property to change the border of an element to XYZ 50.5914, 64.0964, 80.2264 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(138, 224, 224) }
```


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

```
.border{ border-color:rgb(138, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(138, 224,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5914, 64.0964, 80.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 224, 224) }
```

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

```
.background{ background-color: rgb(138,  
224, 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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