

Converting Colors

XYZ(42.9668, 58.9259, 82.0540)

Have a look what the booklet for
XYZ(42.9668, 58.9259, 82.0540)
contains.

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Color

**XYZ(42.9460, 58.9212,
81.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	4FDDE3
RGB	79, 221, 227
RGB Percent	31%, 87%, 89%
CMY	0.6902, 0.1333, 0.1098
CMYK	0.65, 0.03, 0.00, 0.11
HSL	182°, 73%, 60%
HSV	182°, 65%, 89%
XYZ	42.9460, 58.9212, 81.7825
YIQ	179.2260, -86.5580, -28.2380

Conversions

Conversions Part 2

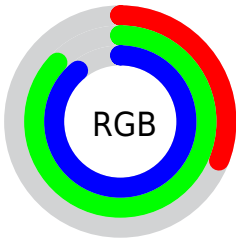
Format	Color
R _Y B	79, 151, 227
Decimal	5234147
CIE Lab	81.25, -35.50, -14.13
CIE LCh	81, 38.207, 201.708
Yxy	58.9212, 0.2338, 0.3208
Android (android.graphics.Color)	4283424227 (0xFF4FDDE3)
YUV	179.2260, 23.5526, -87.8982
Hunter-Lab	76.7601, -34.4625, -9.4372

Details

The XYZ color **42.9460, 58.9212, 81.7825** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.3396, 23.3938, 9.9988**, and the grayscale version is **42.8816, 45.1148, 49.1300**.

A 20% lighter version of the original color is **65.4871, 84.7597, 107.5165**, and **20.9015, 29.8888, 43.6972** is the 20% darker color. If you saturate the color by 10%, you get **41.1286, 57.6259, 81.6294**, and if you desaturate by 10%, it is **45.4128, 60.5558, 81.9691**.

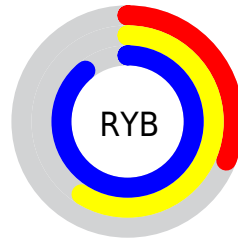
Distribution



Red (31%)

Green (87%)

Blue (89%)



Red (31%)

Yellow (59%)

Blue (89%)

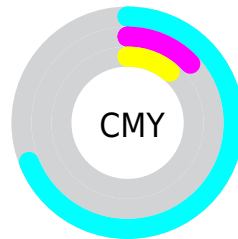


Cyan (65%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (69%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9460, 58.9212, 81.7825 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 42.9460, 58.9212, 81.7825 by changing the saturation by 10% instead.

42.9460, 58.9212,
81.7825

42.9460, 58.9212,
81.7825

349.3149,
420.6098, 520.7842

30.0371, 42.5497,
60.6515

78.8856, 103.2631,
137.7029

20.0150, 29.5320,
43.5153

102.6470,
132.0023, 173.3294

12.5142, 19.4836,
29.9552

130.7566,
165.6329, 214.6248

7.1696, 12.0202,
19.5528

163.5797,
204.5392, 262.0076

3.6157, 6.7575,
11.8896

201.4817,
249.1057, 315.8964

1.4871, 3.3109,
6.5469

244.8281,

0.3170, 1.2961,

299.7167, 376.7098

3.1063

293.9840,
356.7566, 444.8662

■ 0.0000, 0.1382,
1.1492

■ 0.0000, 0.0000,
0.0000

■ 42.9460, 58.9212,
81.7825

■ 42.9460, 58.9212,
81.7825

■ 41.1286, 57.6259,
81.6294

■ 45.4128, 60.5558,
81.9691

■ 39.8863, 56.6279,
81.5022

■ 48.5825, 62.5534,
82.1876


■ 39.1367, 55.8857,
81.3984


■ 52.5096, 64.9435,
82.4419


■ 38.8852, 55.5859,
81.3538


■ 57.2413, 67.7503,
82.7343

 62.8213, 70.9965,
83.0668

 69.2900, 74.7028,
83.4412

 76.6853, 78.8887,
83.8594

 82.9489, 82.4932,
84.2250

 83.2032, 83.0019,
84.3098

Harmonies

Analogous

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



42.1749, 58.9212, 58.0356



42.9460, 58.9212, 81.7825



47.0393, 58.9212, 105.1004

Triad

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



42.9460, 58.9212, 81.7825



68.9023, 58.9212, 95.3505



58.2405, 58.9212, 29.8068

Complementary

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



42.9460, 58.9212, 81.7825



36.3396, 23.3938, 9.9988

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.



66.0384, 58.9212, 35.5225



42.9460, 58.9212, 81.7825



72.5643, 58.9212, 70.6904

Square

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



42.9460, 58.9212, 81.7825



61.8601, 58.9212, 114.1376



71.4694, 58.9212, 49.2623



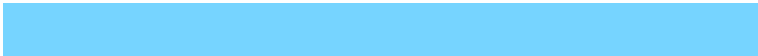
50.5275, 58.9212, 31.4260

Rectangle

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



42.9460, 58.9212, 81.7825



51.3326, 58.9212, 115.4554



71.4694, 58.9212, 49.2623



60.9480, 58.9212, 30.8736

Sweetspot

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



42.9478, 58.9234, 81.7839



78.0560, 90.2656, 107.9168



32.2926, 57.2408, 17.7220



16.2767, 19.0695, 23.0729



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.



42.9478, 58.9234, 81.7839



52.9285, 74.5476, 106.2072



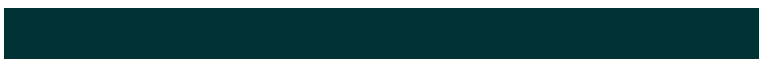
27.6916, 28.4111, 76.6985



14.7548, 16.2309, 18.4996



22.6993, 32.4607, 47.4523



1.6931, 2.4300, 3.5118

Inverse Universe

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



47.5272, 27.1449, 71.1435



59.4380, 30.8097, 90.7601



45.3069, 41.3283, 12.9879



14.9686, 14.6046, 18.0348



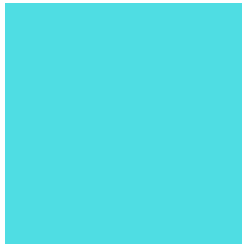
25.8511, 12.4746, 39.7062



1.9182, 0.9250, 2.9758

Previews

White Background



This preview shows how the XYZ color 42.9460, 58.9212, 81.7825 looks on a white background.

Color Contrast Check

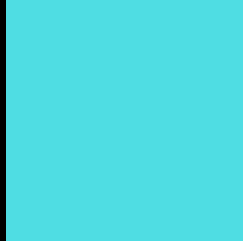
Large Text (above 18pt) WCAG AA × Fail

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 42.9460, 58.9212, 81.7825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

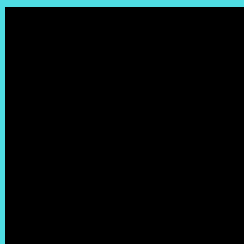
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

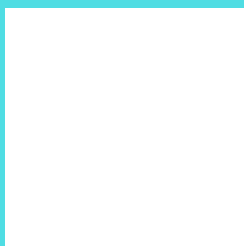
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.9460, 58.9212, 81.7825

Background



This preview shows how black text looks on a background with the XYZ color 42.9460, 58.9212, 81.7825.

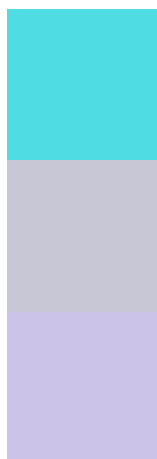


This preview shows how white text looks on a background with the XYZ color 42.9460, 58.9212,

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

42.9460, 58.9212, 81.7825

Protanopia

56.2531, 57.9303, 71.1676

Deuteranopia

59.1249, 57.7508, 85.1216



Tritanopia

44.2737, 58.6623, 89.1102

Trichromacy



Original Color

42.9460, 58.9212, 81.7825



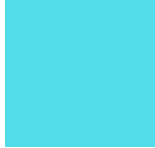
Protanomaly

48.6780, 56.7555, 74.7190



Deuteranomaly

50.3147, 56.3262, 83.8215



Tritanomaly

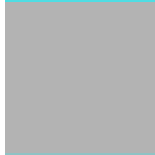
43.7809, 58.8634, 86.1451

Monochromacy



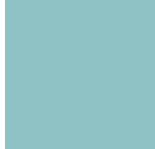
Original Color

42.9460, 58.9212, 81.7825



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.5833, 48.4087, 59.4294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9460, 58.9212, 81.7825 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(79, 221, 227)` looks like.

```
.text, #text, p{  
    color:rgb(79, 221, 227)  
}
```

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(79, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 221, 227) }
```

Border

The CSS property to change the border of an element to XYZ 42.9460, 58.9212, 81.7825 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(79, 221, 227) }
```


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

```
.border{ border-color:rgb(79, 221, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 221, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 221, 227);  
box-shadow:4px 4px 4px 4px rgb(79, 221,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9460, 58.9212, 81.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 221, 227) }
```

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

```
.background{ background-color: rgb(79, 221,  
227) }
```

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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