

Converting Colors

XYZ(42.8281, 54.3088, 58.1159)

Have a look what the booklet for
XYZ(42.8281, 54.3088, 58.1159)
contains.

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Color

**XYZ(42.8855, 54.4930,
58.1271)**

Conversions

Conversions Part 1

Format	Color
Hex	8CD0C0
RGB	140, 208, 192
RGB Percent	55%, 82%, 75%
CMY	0.4510, 0.1843, 0.2471
CMYK	0.33, 0.00, 0.08, 0.18
HSL	166°, 42%, 68%
HSV	166°, 33%, 82%
XYZ	42.8855, 54.4930, 58.1271
YIQ	185.8440, -35.3920, -19.3920

Conversions

Conversions Part 2

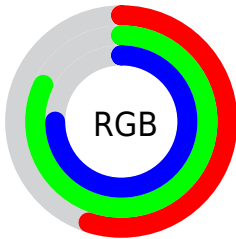
Format	Color
RYB	140, 179, 208
Decimal	9228480
CIELab	78.75, -24.90, 1.11
CIELCh	79, 24.927, 177.437
Yxy	54.4930, 0.2758, 0.3504
Android (android.graphics.Color)	4287418560 (0xFF8CD0C0)
YUV	185.8440, 3.0349, -40.2052
Hunter-Lab	73.8194, -25.4840, 4.9872

Details

The XYZ color **42.8855, 54.4930, 58.1271** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.3931, 34.5677, 35.9451**, and the grayscale version is **46.5838, 49.0098, 53.3716**.

A 20% lighter version of the original color is **75.2090, 89.8994, 102.1953**, and **19.9819, 26.6728, 28.5213** is the 20% darker color. If you saturate the color by 10%, you get **39.1734, 52.6424, 55.1700**, and if you desaturate by 10%, it is **47.2812, 56.6968, 61.2127**.

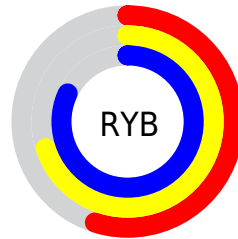
Distribution



Red (55%)

Green (82%)

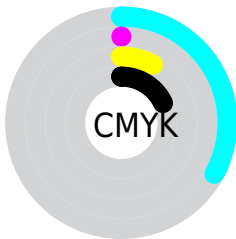
Blue (75%)



Red (55%)

Yellow (70%)

Blue (82%)

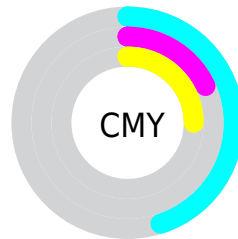


Cyan (33%)

Magenta (0%)

Yellow (8%)

Black (18%)



Cyan (45%)


Magenta (18%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8855, 54.4930, 58.1271 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 42.8855, 54.4930, 58.1271 by changing the saturation by 10% instead.


 42.8855, 54.4930,
58.1271


 42.8855, 54.4930,
58.1271


349.0702,
403.9872, 435.2708


 29.9894, 38.9959,
41.4955


 78.7948, 96.7977,
103.6245

 19.9786, 26.7566,
28.3838


 102.5388,
124.3742, 133.3274

 12.4877, 17.3905,
18.3736


 130.6294,
156.7459, 168.2244

 7.1513, 10.5133,
11.0464

163.4321,
194.2973, 208.7342

 3.6040, 5.7406,
5.9835

201.3122,
237.4127, 255.2751

 1.4807, 2.6880,
2.7664

244.6350,

 0.3126, 0.9711,

286.4766, 308.2659

0.9766

293.7658,
341.8733, 368.1249

■ 0.0000, 0.0000,
0.0000

■ 42.8855, 54.4930,
58.1271

■ 42.8855, 54.4930,
58.1271

■ 39.1734, 52.6424,
55.1700

■ 47.2812, 56.6968,
61.2127

■ 36.1027, 51.1190,
52.3350

■ 52.3906, 59.2649,
64.4256

■ 33.6336, 49.9036,
49.6206

■ 58.2474, 62.2163,
67.7694

■ 31.7199, 48.9725,
47.0235

■ 64.8820, 65.5664,
71.2465

■ 30.3084, 48.2984,
44.5405

■ 72.3228, 69.3301,
74.8589

■ 29.3351, 47.8482,
42.1675

■ 76.8975, 71.6140,
78.4357

■ 28.8197, 47.6189,
40.4987

■ 77.5608, 71.8793,
81.9288

■ 78.2433, 72.1523,
85.5229

■ 78.9452, 72.4331,
89.2189

Harmonies

Analogous

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



44.2051, 54.4930, 45.8823



42.8855, 54.4930, 58.1271



43.8245, 54.4930, 72.7491

Triad

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



42.8855, 54.4930, 58.1271



56.2879, 54.4930, 86.8518



57.0680, 54.4930, 39.2599

Complementary

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



42.8855, 54.4930, 58.1271



41.3931, 34.5677, 35.9451

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.



60.6753, 54.4930, 47.6779



42.8855, 54.4930, 58.1271



60.2052, 54.4930, 75.1862

Square

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



42.8855, 54.4930, 58.1271



51.3710, 54.4930, 90.8141



61.8578, 54.4930, 60.5567



52.2193, 54.4930, 36.1256

Rectangle

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



42.8855, 54.4930, 58.1271



45.6402, 54.4930, 81.6712



61.8578, 54.4930, 60.5567



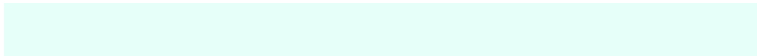
58.4774, 54.4930, 41.4927

Sweetspot

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



42.8870, 54.4952, 58.1283



85.3316, 95.0999, 103.4806



41.1958, 54.1756, 33.0975



17.9934, 20.2188, 21.9898



0.0000, 0.0000, 0.0000



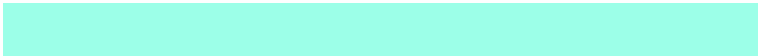
20.3446, 21.4041, 23.3091

Same Dimension

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



42.8870, 54.4952, 58.1283



63.8917, 84.3464, 88.9572



40.8328, 47.3931, 66.6728



12.0344, 13.3575, 14.5377



18.0003, 29.6930, 25.4454



1.0360, 1.6721, 1.5782

Inverse Universe

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



41.3931, 34.5677, 35.9451



61.1850, 48.1390, 48.6898



42.8048, 39.4188, 30.1643



11.9211, 11.8532, 12.8604



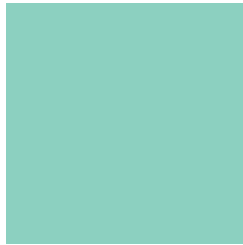
16.5887, 8.5083, 2.7404



0.9591, 0.4884, 0.3194

Previews

White Background



This preview shows how the XYZ color 42.8855, 54.4930, 58.1271 looks on a white background.

Color Contrast Check

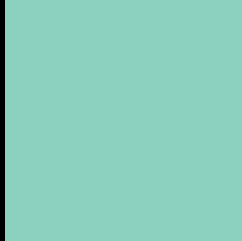
Large Text (above 18pt) WCAG AA × Fail

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 42.8855, 54.4930, 58.1271 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

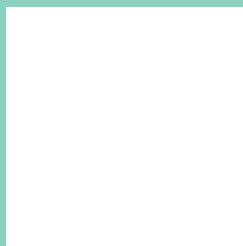
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8855, 54.4930, 58.1271

Background



This preview shows how black text looks on a background with the XYZ color 42.8855, 54.4930, 58.1271.

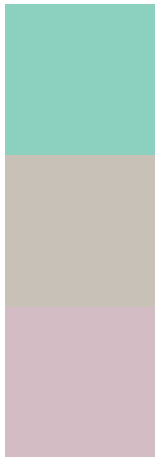


This preview shows how white text looks on a background with the XYZ color 42.8855, 54.4930,

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

42.8855, 54.4930, 58.1271

Protanopia

51.5411, 53.8800, 53.0308

Deuteranopia

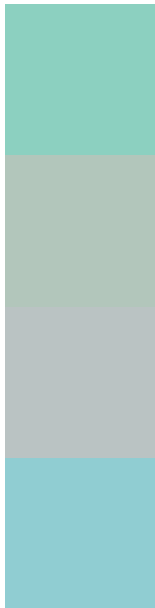
55.0984, 53.9490, 59.7338



Tritanopia

46.3652, 54.4640, 75.7790

Trichromacy



Original Color

42.8855, 54.4930, 58.1271

Protanomaly

47.5238, 53.4410, 54.8241

Deuteranomaly

49.6151, 53.4094, 59.3238

Tritanomaly

44.9658, 54.2451, 69.0732

Monochromacy



Original Color

42.8855, 54.4930, 58.1271

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

44.7311, 50.6494, 54.9957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8855, 54.4930, 58.1271 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, 208, 192)` looks like.

```
.text, #text, p{  
    color:rgb(140, 208, 192)  
}
```

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, 208, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 208, 192) }
```

Border

The CSS property to change the border of an element to XYZ 42.8855, 54.4930, 58.1271 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, 208, 192) }
```


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

```
.border{ border-color:rgb(140, 208, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 208, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 208, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 208, 192);  
box-shadow:4px 4px 4px 4px rgb(140, 208,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8855, 54.4930, 58.1271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 208, 192) }
```

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

```
.background{ background-color: rgb(140,  
208, 192) }
```

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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