

Converting Colors

XYZ(42.6276, 53.8763, 56.2634)

Have a look what the booklet for
XYZ(42.6276, 53.8763, 56.2634)
contains.

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Color

**XYZ(42.8258, 54.1394,
56.3369)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCFBD
RGB	143, 207, 189
RGB Percent	56%, 81%, 74%
CMY	0.4392, 0.1882, 0.2588
CMYK	0.31, 0.00, 0.09, 0.19
HSL	163°, 40%, 69%
HSV	163°, 31%, 81%
XYZ	42.8258, 54.1394, 56.3369
YIQ	185.8120, -32.3660, -19.1660

Conversions

Conversions Part 2

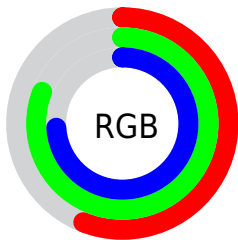
Format	Color
RYB	143, 180, 207
Decimal	9424829
CIELab	78.54, -24.19, 2.44
CIELCh	79, 24.318, 174.233
Yxy	54.1394, 0.2794, 0.3532
Android (android.graphics.Color)	4287614909 (0xFF8FCFBD)
YUV	185.8120, 1.5717, -37.5461
Hunter-Lab	73.5795, -24.8709, 6.1096

Details

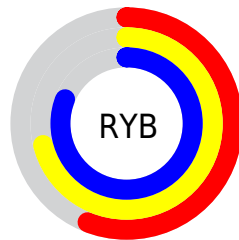
The XYZ color **42.8258, 54.1394, 56.3369** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9895, 35.4849, 38.3565**, and the grayscale version is **46.5726, 48.9980, 53.3588**.

A 20% lighter version of the original color is **75.5301, 90.1183, 99.7999**, and **19.8886, 26.4077, 27.3415** is the 20% darker color. If you saturate the color by 10%, you get **38.9485, 52.2136, 52.9229**, and if you desaturate by 10%, it is **47.3928, 56.4207, 59.9180**.

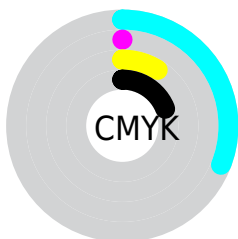
Distribution



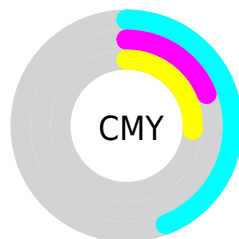
- Red (56%)
- Green (81%)
- Blue (74%)



- Red (56%)
- Yellow (71%)
- Blue (81%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)



- Cyan (44%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8258, 54.1394, 56.3369 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 42.8258, 54.1394, 56.3369 by changing the saturation by 10% instead.

■ 42.8258, 54.1394,
56.3369

■ 42.8258, 54.1394,
56.3369

348.8286,
402.6414, 428.3838

■ 29.9424, 38.7131,
40.0673

■ 78.7053, 96.2789,
100.9877

■ 19.9427, 26.5366,
27.2768

■ 102.4320,
123.7609, 130.2060

■ 12.4614, 17.2255,
17.5470

130.5040,
156.0303, 164.5775

■ 7.1332, 10.3954,
10.4592

163.2864,
193.4714, 204.5209

■ 3.5926, 5.6619,
5.5949

201.1448,
236.4687, 250.4547

■ 1.4743, 2.6406,
2.5356

244.4443,

■ 0.3083, 0.9471,

285.4065, 302.7975

0.8589

293.5505,
340.6693, 361.9677

■ 0.0000, 0.0000,
0.0000

■ 42.8258, 54.1394,
56.3369

■ 42.8258, 54.1394,
56.3369

■ 38.9485, 52.2136,
52.9229

■ 47.3928, 56.4207,
59.9180

■ 35.7196, 50.6177,
49.6690

■ 52.6787, 59.0682,
63.6656

■ 33.1003, 49.3332,
46.5730

■ 58.7168, 62.1005,
67.5838


■ 31.0459, 48.3371,
43.6313


■ 65.5368, 65.5328,
71.6756


■ 29.5050, 47.6029,
40.8398

■ 73.1668, 69.3797,
75.9436


 28.4167, 47.0993,
38.1940

 76.9998, 71.2660,
80.1738

 27.7209, 46.7904,
35.9113

 77.8030, 71.5873,
84.4033

 78.6335, 71.9195,
88.7766

 79.4916, 72.2627,
93.2951

Harmonies

Analogous

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



44.3393, 54.1394, 44.8335



42.8258, 54.1394, 56.3369



43.5063, 54.1394, 70.4538

Triad

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



42.8258, 54.1394, 56.3369



55.3323, 54.1394, 86.4280



57.0323, 54.1394, 40.0284

Complementary

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



42.8258, 54.1394, 56.3369



41.9895, 35.4849, 38.3565

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.



60.3237, 54.1394, 48.7695



42.8258, 54.1394, 56.3369



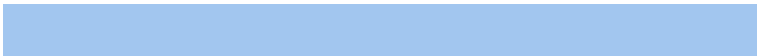
59.3003, 54.1394, 75.7530

Square

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



42.8258, 54.1394, 56.3369



50.5377, 54.1394, 89.2868



61.1783, 54.1394, 61.6398



52.3892, 54.1394, 36.4028

Rectangle

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



42.8258, 54.1394, 56.3369



45.1355, 54.1394, 79.3342



61.1783, 54.1394, 61.6398



58.3447, 54.1394, 42.3935

Sweetspot

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



42.8273, 54.1416, 56.3381



86.0829, 95.4953, 103.1460



41.9972, 54.2020, 34.2360



18.1354, 20.2945, 21.8830



0.0000, 0.0000, 0.0000



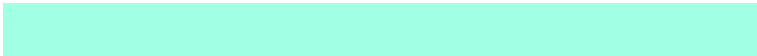
20.3446, 21.4041, 23.3091

Same Dimension

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



42.8273, 54.1416, 56.3381



64.4552, 84.6878, 86.6842



41.6913, 48.5455, 66.2069



12.0106, 13.3480, 14.4124



17.5069, 29.4957, 22.8470



1.0118, 1.6624, 1.4510

Inverse Universe

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



41.9895, 35.4849, 38.3565



62.9137, 50.2235, 53.4979



42.7262, 39.3189, 31.3248



11.9435, 11.8621, 12.9781



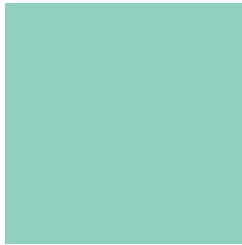
16.7324, 8.5658, 3.4968



0.9697, 0.4926, 0.3752

Previews

White Background



This preview shows how the XYZ color 42.8258, 54.1394, 56.3369 looks on a white background.

Color Contrast Check

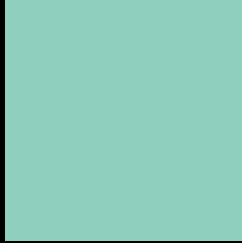
Large Text (above 18pt) WCAG AA × Fail

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 42.8258, 54.1394, 56.3369 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 42.8258, 54.1394, 56.3369

Background



This preview shows how black text looks on a background with the XYZ color 42.8258, 54.1394, 56.3369.

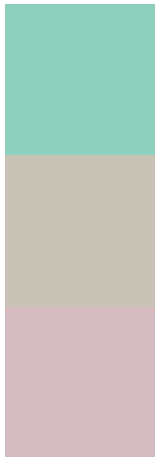


This preview shows how white text looks on a background with the XYZ color 42.8258, 54.1394,

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

42.8258, 54.1394, 56.3369

Protanopia

51.2299, 53.7555, 51.3918

Deuteranopia

54.5473, 53.3880, 57.8820



Tritanopia

46.7198, 54.3104, 75.0384

Trichromacy



Original Color

42.8258, 54.1394, 56.3369

Protanomaly

47.4362, 53.4326, 53.1608

Deuteranomaly

49.2997, 52.9541, 57.4920

Tritanomaly

45.0107, 53.9428, 67.7142

Monochromacy



Original Color

42.8258, 54.1394, 56.3369

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

44.8390, 50.7175, 54.4399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8258, 54.1394, 56.3369 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, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(143, 207, 189)  
}
```

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, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 207, 189) }
```

Border

The CSS property to change the border of an element to XYZ 42.8258, 54.1394, 56.3369 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, 207, 189) }
```


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

```
.border{ border-color:rgb(143, 207, 189) }
```

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

Here you see how a box with a 4 pixel rgb(143, 207, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(143, 207,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8258, 54.1394, 56.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 207, 189) }
```

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

```
.background{ background-color: rgb(143,  
207, 189) }
```

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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