

Converting Colors

XYZ(43.4665, 56.2496, 58.9106)

Have a look what the booklet for
XYZ(43.4665, 56.2496, 58.9106)
contains.

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Color

**XYZ(43.4857, 56.2556,
59.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	89D4C1
RGB	137, 212, 193
RGB Percent	54%, 83%, 76%
CMY	0.4627, 0.1686, 0.2431
CMYK	0.35, 0.00, 0.09, 0.17
HSL	165°, 47%, 68%
HSV	165°, 35%, 83%
XYZ	43.4857, 56.2556, 59.0186
YIQ	187.4090, -38.6010, -21.8090

Conversions

Conversions Part 2

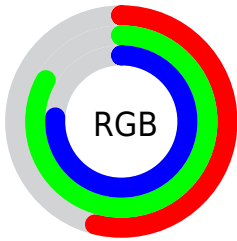
Format	Color
RYB	137, 180, 212
Decimal	9032897
CIELab	79.76, -27.48, 2.03
CIELCh	80, 27.553, 175.770
Yxy	56.2556, 0.2739, 0.3543
Android (android.graphics.Color)	4287222977 (0xFF89D4C1)
YUV	187.4090, 2.7564, -44.2087
Hunter-Lab	75.0037, -27.7657, 5.8488

Details

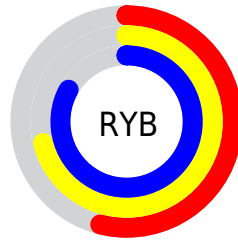
The XYZ color **43.4857, 56.2556, 59.0186** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.0998, 34.2903, 35.8546**, and the grayscale version is **47.4669, 49.9389, 54.3835**.

A 20% lighter version of the original color is **74.8512, 89.6970, 102.9907**, and **20.3579, 27.8464, 29.1129** is the 20% darker color. If you saturate the color by 10%, you get **39.7580, 54.4033, 55.7737**, and if you desaturate by 10%, it is **47.9212, 58.4731, 62.4127**.

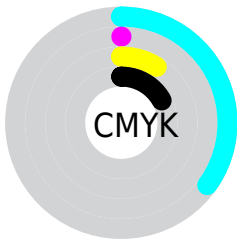
Distribution



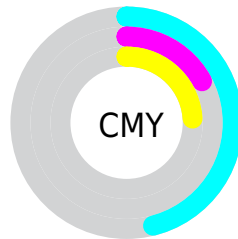
- Red (54%)
- Green (83%)
- Blue (76%)



- Red (54%)
- Yellow (71%)
- Blue (83%)



- Cyan (35%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)





- Cyan (46%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4857, 56.2556, 59.0186 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 43.4857, 56.2556, 59.0186 by changing the saturation by 10% instead.


 43.4857, 56.2556,
59.0186


 43.4857, 56.2556,
59.0186


351.4932,
410.6540, 438.6746


 30.4626, 40.4079,
42.2080


 79.6944, 99.3782,
104.9341

 20.3398, 27.8567,
28.9374


 103.6107,
127.4219, 134.8760

 12.7520, 18.2177,
18.7883

 131.8888,
160.2996, 170.0322

 7.3338, 11.1064,
11.3421

164.8940,
198.3959, 210.8210

 3.7199, 6.1384,
6.1804

202.9917,
242.0951, 257.6612

 1.5449, 2.9294,
2.8845

246.5472,

 0.3561, 1.0950,

291.7816, 310.9711

1.0360

295.9259,
347.8398, 371.1694

■ 0.0000, 0.0000,
0.0000

■ 43.4857, 56.2556,
59.0186

■ 43.4857, 56.2556,
59.0186

■ 39.7580, 54.4033,
55.7737

■ 47.9212, 58.4731,
62.4127

■ 36.6928, 52.8887,
52.6711

■ 53.0968, 61.0682,
65.9549

■ 34.2473, 51.6910,
49.7086

■ 59.0485, 64.0608,
69.6495

■ 32.3710, 50.7844,
46.8829

■ 65.8087, 67.4676,
73.4990

■ 31.0058, 50.1388,
44.1897

■ 73.4078, 71.3043,
77.5059

■ 30.0802, 49.7174,
41.6247

■ 78.4064, 73.7977,
81.5105

■ 29.7411, 49.5676,
40.4790

■ 79.1520, 74.0959,
85.4364

■ 79.9208, 74.4035,
89.4848

■ 80.7130, 74.7204,
93.6569

Harmonies

Analogous

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



45.0958, 56.2556, 45.5711



43.4857, 56.2556, 59.0186



44.3944, 56.2556, 75.5761

Triad

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



43.4857, 56.2556, 59.0186



58.2610, 56.2556, 93.2277



59.7216, 56.2556, 39.2356

Complementary

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



43.4857, 56.2556, 59.0186



42.0998, 34.2903, 35.8546

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.



63.7035, 56.2556, 48.8641



43.4857, 56.2556, 59.0186



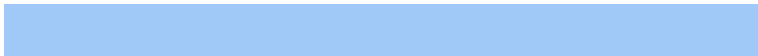
62.8200, 56.2556, 80.1732

Square

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



43.4857, 56.2556, 59.0186



52.6833, 56.2556, 97.2081



64.8746, 56.2556, 63.5427



54.2629, 56.2556, 35.4774

Rectangle

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



43.4857, 56.2556, 59.0186



46.3425, 56.2556, 85.9592



64.8746, 56.2556, 63.5427



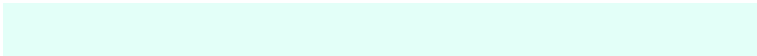
61.2916, 56.2556, 41.8017

Sweetspot

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



43.4873, 56.2579, 59.0199



84.3495, 94.6135, 102.5367



41.9653, 56.0636, 32.2775



17.7942, 20.1205, 21.7835



0.0000, 0.0000, 0.0000



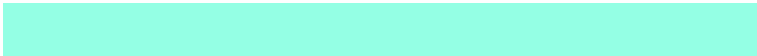
20.3446, 21.4041, 23.3091

Same Dimension

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



43.4873, 56.2579, 59.0199



61.9395, 83.4005, 86.1340



41.6052, 48.8804, 69.5320



12.6515, 14.0516, 15.2453



18.4022, 30.6162, 25.2114



1.1424, 1.8596, 1.6915

Inverse Universe

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



42.0998, 34.2903, 35.8546



59.5555, 45.5050, 46.2198



43.3069, 39.0815, 28.9290



12.5511, 12.4719, 13.5761



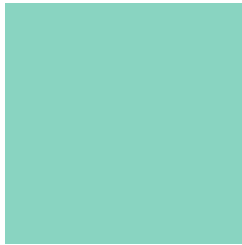
17.2033, 8.8176, 3.1084



1.0713, 0.5453, 0.3649

Previews

White Background



This preview shows how the XYZ color 43.4857, 56.2556, 59.0186 looks on a white background.

Color Contrast Check

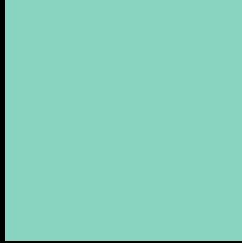
Large Text (above 18pt) WCAG AA × Fail

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 43.4857, 56.2556, 59.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

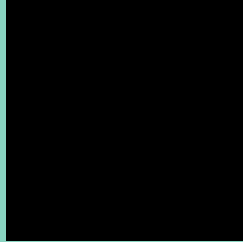
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

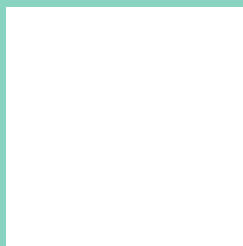
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.4857, 56.2556, 59.0186

Background



This preview shows how black text looks on a background with the XYZ color 43.4857, 56.2556, 59.0186.



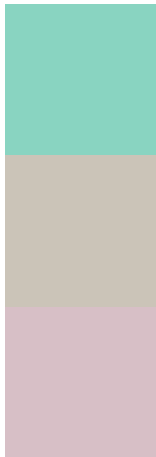
This preview shows how white text looks on a background with the XYZ color 43.4857, 56.2556,

59.0186.

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

43.4857, 56.2556, 59.0186

Protanopia

53.0203, 55.6371, 53.2920

Deuteranopia

56.8482, 55.7859, 61.1976



Tritanopia

47.2690, 55.9368, 78.8265

Trichromacy



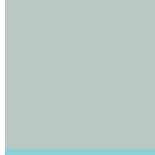
Original Color

43.4857, 56.2556, 59.0186



Protanomaly

48.6806, 55.4126, 55.1437



Deuteranomaly

50.8807, 55.3972, 60.2356



Tritanomaly

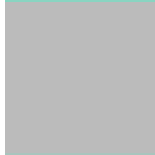
45.7952, 56.0677, 71.3593

Monochromacy



Original Color

43.4857, 56.2556, 59.0186



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

45.2874, 51.5890, 55.7149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4857, 56.2556, 59.0186 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(137, 212, 193)` looks like.

```
.text, #text, p{  
    color:rgb(137, 212, 193)  
}
```

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(137, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 212, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.4857, 56.2556, 59.0186 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(137, 212, 193) }
```


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

```
.border{ border-color:rgb(137, 212, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 212, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(137, 212,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4857, 56.2556, 59.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 212, 193) }
```

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

```
.background{ background-color: rgb(137,  
212, 193) }
```

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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