

Converting Colors

XYZ(43.0391, 58.8174, 58.7956)

Have a look what the booklet for
XYZ(43.0391, 58.8174, 58.7956)
contains.

XYZ(43.0143, 58.6798, 58.9284)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.0143, 58.6798,
58.9284)**

Conversions

Conversions Part 1

Format	Color
Hex	7BDBC0
RGB	123, 219, 192
RGB Percent	48%, 86%, 75%
CMY	0.5176, 0.1412, 0.2471
CMYK	0.44, 0.00, 0.12, 0.14
HSL	163°, 57%, 67%
HSV	163°, 44%, 86%
XYZ	43.0143, 58.6798, 58.9284
YIQ	187.2180, -48.5490, -28.7490

Conversions

Conversions Part 2

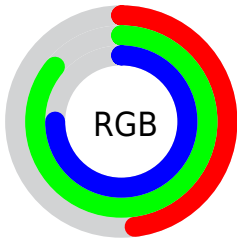
Format	Color
RYB	123, 179, 219
Decimal	8117184
CIELab	81.12, -34.72, 4.45
CIELCh	81, 35.005, 172.691
Yxy	58.6798, 0.2678, 0.3653
Android (android.graphics.Color)	4286307264 (0xFF7BDBC0)
YUV	187.2180, 2.3575, -56.3192
Hunter-Lab	76.6027, -33.8227, 8.0117

Details

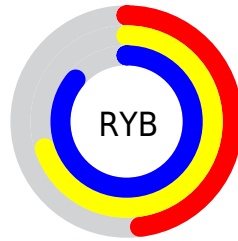
The XYZ color **43.0143, 58.6798, 58.9284** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **41.8034, 31.4294, 32.7195**, and the grayscale version is **47.3652, 49.8319, 54.2669**.

A 20% lighter version of the original color is **71.5257, 88.0006, 102.0230**, and **20.1824, 29.5732, 29.0706** is the 20% darker color. If you saturate the color by 10%, you get **39.5570, 56.9762, 55.2788**, and if you desaturate by 10%, it is **47.2043, 60.7608, 62.7639**.

Distribution



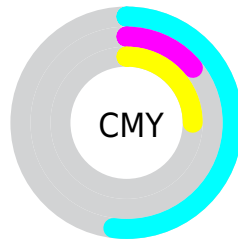
- Red (48%)
- Green (86%)
- Blue (75%)



- Red (48%)
- Yellow (70%)
- Blue (86%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)





- Cyan (52%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0143, 58.6798, 58.9284 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 43.0143, 58.6798, 58.9284 by changing the saturation by 10% instead.


 43.0143, 58.6798,
58.9284


 43.0143, 58.6798,
58.9284


349.5911,
419.7143, 438.3310


 30.0909, 42.3554,
42.1359


 78.9880, 102.9121,
104.8017

 20.0560, 29.3797,
28.8813

 102.7690,
131.5889, 134.7195

 12.5443, 19.3682,
18.7463

 130.9000,
165.1519, 169.8495

 7.1903, 11.9367,
11.3121

163.7462,
203.9855, 210.6102

 3.6288, 6.7006,
6.1604

201.6731,
248.4742, 257.4202

 1.4943, 3.2755,
2.8725

245.0460,

 0.3220, 1.2772,

299.0022, 310.6980

1.0299

294.2302,
355.9542, 370.8620

■ 0.0000, 0.1235,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.0143, 58.6798,
58.9284

■ 43.0143, 58.6798,
58.9284

■ 39.5570, 56.9762,
55.2788

■ 47.2043, 60.7608,
62.7639

■ 36.7797, 55.6184,
51.8072


■ 52.1651, 63.2343,
66.7852


■ 34.6306, 54.5813,
48.5104


■ 57.9384, 66.1233,
70.9972


■ 33.0480, 53.8330,
45.3839


■ 64.5611, 69.4468,
75.4032


 31.9569, 53.3349,
42.4220


 72.0679, 73.2225,
80.0067

 31.4530, 53.1133,
40.6739

 80.4915, 77.4675,
84.8108

 81.5855, 77.9303,
89.4312

 82.4918, 78.2929,
94.2037

 83.4293, 78.6678,
99.1403

Harmonies

Analogous

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



45.3682, 58.6798, 42.5514



43.0143, 58.6798, 58.9284



43.8346, 58.6798, 80.6306

Triad

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



43.0143, 58.6798, 58.9284



61.3469, 58.6798, 108.4526



64.6914, 58.6798, 37.0259

Complementary

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



43.0143, 58.6798, 58.9284



41.8034, 31.4294, 32.7195

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.



69.7041, 58.6798, 49.6474



43.0143, 58.6798, 58.9284



67.6590, 58.6798, 91.3888

Square

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



43.0143, 58.6798, 58.9284



54.0121, 58.6798, 112.4508



70.8348, 58.6798, 69.1275



57.5726, 58.6798, 31.8179

Rectangle

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



43.0143, 58.6798, 58.9284



46.1080, 58.6798, 95.0964



70.8348, 58.6798, 69.1275



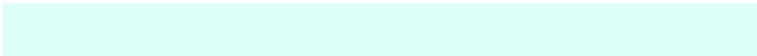
66.7031, 58.6798, 40.3912

Sweetspot

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



43.0159, 58.6822, 58.9297



82.4231, 93.6599, 100.6622



41.5230, 58.5986, 27.8619



17.2277, 19.8395, 21.2566



0.0000, 0.0000, 0.0000



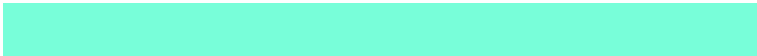
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0159, 58.6822, 58.9297



56.0075, 80.5114, 78.2246



41.1962, 49.8072, 74.4631



13.2805, 14.7638, 15.9402



18.6983, 31.5119, 24.3745



1.2475, 2.0559, 1.7692

Inverse Universe

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



41.8034, 31.4294, 32.7195



54.0983, 37.1208, 36.6000



42.7334, 36.3777, 23.5091



13.2058, 13.1114, 14.3452



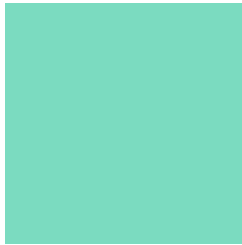
17.8718, 9.1497, 3.7047



1.1943, 0.6074, 0.4320

Previews

White Background



This preview shows how the XYZ color 43.0143, 58.6798, 58.9284 looks on a white background.

Color Contrast Check

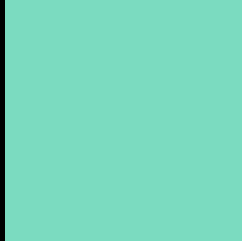
Large Text (above 18pt) WCAG AA × Fail

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 43.0143, 58.6798, 58.9284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

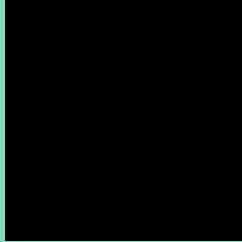
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.0143, 58.6798, 58.9284

Background



This preview shows how black text looks on a background with the XYZ color 43.0143, 58.6798, 58.9284.

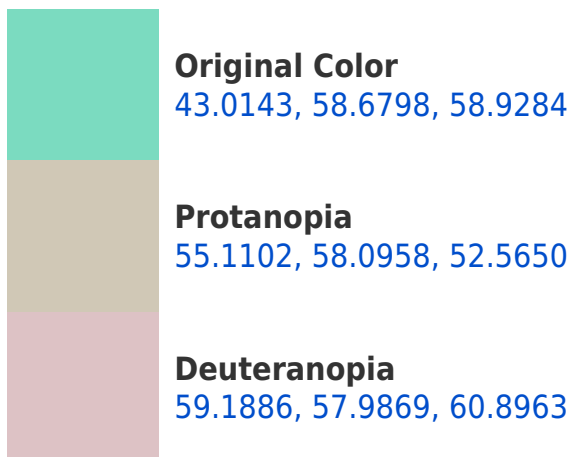


This preview shows how white text looks on a background with the XYZ color 43.0143, 58.6798,

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





Tritanopia

47.8909, 58.3446, 84.3388

Trichromacy



Original Color

43.0143, 58.6798, 58.9284



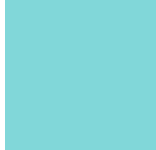
Protanomaly

49.3072, 57.5179, 54.9577



Deuteranomaly

51.2138, 56.9663, 59.9261



Tritanomaly

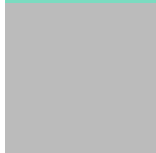
45.8781, 58.2778, 74.4763

Monochromacy



Original Color

43.0143, 58.6798, 58.9284



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

44.9186, 52.4135, 55.8935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0143, 58.6798, 58.9284 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(123, 219, 192)` looks like.

```
.text, #text, p{  
    color:rgb(123, 219, 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(123, 219, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 219, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.0143, 58.6798, 58.9284 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(123, 219, 192) }
```


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

```
.border{ border-color:rgb(123, 219, 192) }
```

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

Here you see how a box with a 4 pixel rgb(123, 219, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 219, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 219, 192);  
box-shadow:4px 4px 4px 4px rgb(123, 219,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0143, 58.6798, 58.9284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 219, 192) }
```

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

```
.background{ background-color: rgb(123,  
219, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor