

Converting Colors

XYZ(43.0776, 51.2239, 54.5523)

Have a look what the booklet for
XYZ(43.0776, 51.2239, 54.5523)
contains.

XYZ(43.0684, 51.1441, 54.6156)	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(43.0684, 51.1441,
54.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	9DC6BB
RGB	157, 198, 187
RGB Percent	62%, 78%, 73%
CMY	0.3843, 0.2235, 0.2667
CMYK	0.21, 0.00, 0.06, 0.22
HSL	164°, 26%, 70%
HSV	164°, 21%, 78%
XYZ	43.0684, 51.1441, 54.6156
YIQ	184.4870, -20.9050, -12.1130

Conversions

Conversions Part 2

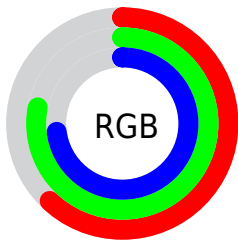
Format	Color
R _{YB}	157, 181, 198
Decimal	10340027
CIE Lab	76.77, -15.81, 1.03
CIE LCh	77, 15.848, 176.264
Yxy	51.1441, 0.2894, 0.3436
Android (android.graphics.Color)	4288530107 (0xFF9DC6BB)
YUV	184.4870, 1.2389, -24.1061
Hunter-Lab	71.5151, -17.6537, 4.7812

Details

The XYZ color **43.0684, 51.1441, 54.6156** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4154, 38.9483, 42.3303**, and the grayscale version is **45.8322, 48.2190, 52.5105**.

A 20% lighter version of the original color is **79.0890, 91.9881, 98.3811**, and **20.1020, 24.6710, 26.2567** is the 20% darker color. If you saturate the color by 10%, you get **38.9559, 49.0899, 51.5094**, and if you desaturate by 10%, it is **47.8309, 53.5337, 57.8643**.

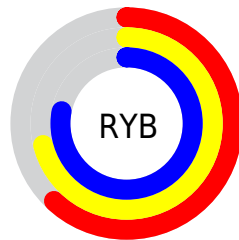
Distribution



Red (62%)

Green (78%)

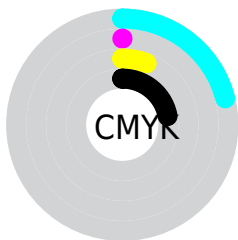
Blue (73%)



Red (62%)

Yellow (71%)

Blue (78%)

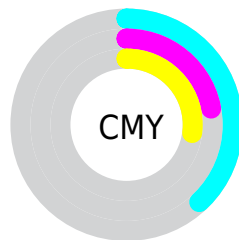


Cyan (21%)

Magenta (0%)

Yellow (6%)

Black (22%)



Cyan (38%)


Magenta (22%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0684, 51.1441, 54.6156 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 43.0684, 51.1441, 54.6156 by changing the saturation by 10% instead.


 43.0684, 51.1441,
54.6156


 43.0684, 51.1441,
54.6156


349.8097,
391.1234, 421.6940

 30.1335, 36.3233,
38.6975

 79.0691, 91.8677,
98.4430

 20.0885, 24.6840,
26.2185


 102.8657,
118.5394, 127.1894

 12.5681, 15.8418,
16.7599

131.0136,
149.9301, 161.0490

 7.2067, 9.4123,
9.9033

163.8781,
186.4242, 200.4404

 3.6392, 5.0110,
5.2301

201.8246,
228.4063, 245.7820

 1.5001, 2.2537,
2.3218

245.2185,

 0.3259, 0.7491,

276.2605, 297.4925

0.7434

294.4251,
330.3714, 355.9903

■ 0.0000, 0.0000,
0.0000

■ 43.0684, 51.1441,
54.6156

■ 43.0684, 51.1441,
54.6156

■ 38.9559, 49.0899,
51.5094

■ 47.8309, 53.5337,
57.8643

■ 35.4588, 47.3492,
48.5395

■ 53.2673, 56.2668,
61.2545

■ 32.5456, 45.9071,
45.7046

■ 59.4057, 59.3594,
64.7897

■ 30.1804, 44.7452,
43.0016

■ 66.2713, 62.8244,
68.4723

■ 28.3232, 43.8428,
40.4274

■ 73.5174, 66.4830,
72.2870

■ 26.9284, 43.1765,
37.9787

■ 74.2055, 66.7582,
75.9103

■ 25.9416, 42.7183,
35.6517

■ 74.9159, 67.0423,
79.6512

■ 25.2959, 42.4303,
33.5928

■ 75.6488, 67.3355,
83.5107

■ 76.4045, 67.6378,
87.4900

Harmonies

Analogous

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



43.9610, 51.1441, 46.9907



43.0684, 51.1441, 54.6156



43.6098, 51.1441, 63.3381

Triad

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



43.0684, 51.1441, 54.6156



51.2137, 51.1441, 71.8897



51.8921, 51.1441, 43.0246

Complementary

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



43.0684, 51.1441, 54.6156



42.4154, 38.9483, 42.3303

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.



53.9806, 51.1441, 48.6787



43.0684, 51.1441, 54.6156



53.5777, 51.1441, 65.3955

Square

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



43.0684, 51.1441, 54.6156



48.2353, 51.1441, 73.8923



54.6097, 51.1441, 56.7728



48.9885, 51.1441, 40.7485

Rectangle

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



43.0684, 51.1441, 54.6156



44.7236, 51.1441, 68.5242



54.6097, 51.1441, 56.7728



52.7173, 51.1441, 44.5628

Sweetspot

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



43.0698, 51.1462, 54.6167



88.9893, 96.9512, 105.2027



42.5616, 51.2173, 39.5420



18.9120, 20.6835, 22.4328



0.0000, 0.0000, 0.0000



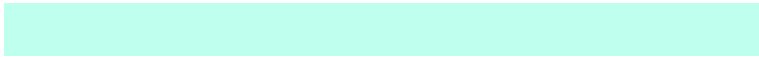
20.3446, 21.4041, 23.3091

Same Dimension

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



43.0698, 51.1462, 54.6167



72.7257, 88.7956, 94.1130



42.3220, 47.6927, 60.4035



10.8205, 12.0171, 13.0051



16.4870, 27.6072, 22.0409



0.8096, 1.3188, 1.1962

Inverse Universe

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



42.4154, 38.9483, 42.3303



71.3545, 63.2024, 68.3434



42.9912, 41.6717, 37.6768



10.7488, 10.6829, 11.6605



15.5960, 7.9880, 3.0824



0.7696, 0.3907, 0.3099

Previews

White Background



This preview shows how the XYZ color 43.0684, 51.1441, 54.6156 looks on a white background.

Color Contrast Check

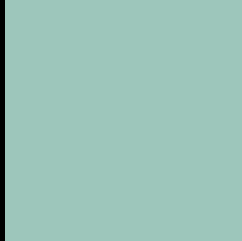
Large Text (above 18pt) WCAG AA × Fail

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 43.0684, 51.1441, 54.6156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

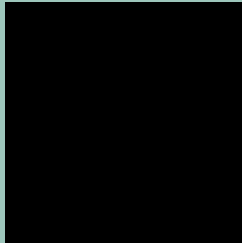
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

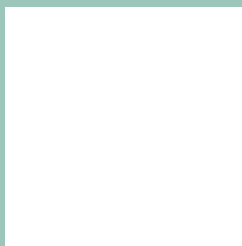
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.0684, 51.1441, 54.6156

Background



This preview shows how black text looks on a background with the XYZ color 43.0684, 51.1441, 54.6156.



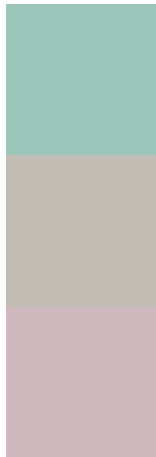
This preview shows how white text looks on a background with the XYZ color 43.0684, 51.1441,

54.6156.

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

43.0684, 51.1441, 54.6156

Protanopia

48.5718, 50.7720, 50.9560

Deuteranopia

51.9599, 50.8501, 55.7917



Tritanopia

45.8459, 51.2604, 68.4507

Trichromacy



Original Color

43.0684, 51.1441, 54.6156

Protanomaly

46.4529, 50.9419, 52.1842

Deuteranomaly

48.1548, 50.4594, 55.3457

Tritanomaly

44.8978, 51.2177, 63.3968

Monochromacy



Original Color

43.0684, 51.1441, 54.6156

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.4101, 48.8966, 52.9963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0684, 51.1441, 54.6156 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(157, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(157, 198, 187)  
}
```

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(157, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 198, 187) }
```

Border

The CSS property to change the border of an element to XYZ 43.0684, 51.1441, 54.6156 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(157, 198, 187) }
```


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

```
.border{ border-color:rgb(157, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 198, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 198, 187);  
box-shadow:4px 4px 4px 4px rgb(157, 198,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0684, 51.1441, 54.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 198, 187) }
```

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

```
.background{ background-color: rgb(157,  
198, 187) }
```

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