

Converting Colors

XYZ(43.2415, 56.9316, 50.1059)

Have a look what the booklet for
XYZ(43.2415, 56.9316, 50.1059)
contains.

XYZ(43.3101, 57.1071, 50.3351)	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(43.3101, 57.1071,
50.3351)**

Conversions

Conversions Part 1

Format	Color
Hex	8FD6B1
RGB	143, 214, 177
RGB Percent	56%, 84%, 69%
CMY	0.4392, 0.1608, 0.3059
CMYK	0.33, 0.00, 0.17, 0.16
HSL	149°, 46%, 70%
HSV	149°, 33%, 84%
XYZ	43.3101, 57.1071, 50.3351
YIQ	188.5530, -30.4390, -26.5590

Conversions

Conversions Part 2

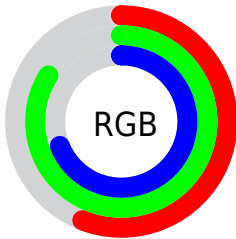
Format	Color
RYB	143, 191, 214
Decimal	9426609
CIELab	80.24, -30.07, 11.29
CIElCh	80, 32.118, 159.426
Yxy	57.1071, 0.2873, 0.3788
Android (android.graphics.Color)	4287616689 (0xFF8FD6B1)
YUV	188.5530, -5.6956, -39.9500
Hunter-Lab	75.5692, -29.9446, 13.4066

Details

The XYZ color **43.3101, 57.1071, 50.3351** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.7942, 37.2378, 47.9563**, and the grayscale version is **48.1597, 50.6678, 55.1772**.

A 20% lighter version of the original color is **74.0212, 89.5453, 90.4734**, and **20.2527, 28.4252, 23.4880** is the 20% darker color. If you saturate the color by 10%, you get **38.8865, 54.9514, 44.5610**, and if you desaturate by 10%, it is **48.5344, 59.6681, 56.6234**.

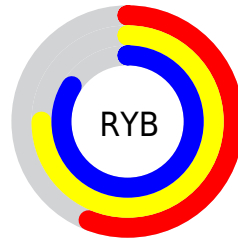
Distribution



Red (56%)

Green (84%)

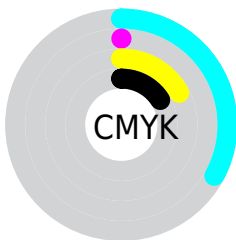
Blue (69%)



Red (56%)

Yellow (75%)

Blue (84%)

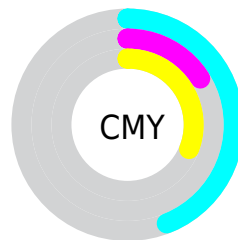


Cyan (33%)

Magenta (0%)

Yellow (17%)

Black (16%)



Cyan (44%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3101, 57.1071, 50.3351 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 43.3101, 57.1071, 50.3351 by changing the saturation by 10% instead.


 43.3101, 57.1071,
50.3351


 43.3101, 57.1071,
50.3351


350.7854,
413.8505, 404.7475

 30.3241, 41.0912,
35.3067


 79.4314, 100.6214,
92.0726

 20.2340, 28.3904,
23.6138


 103.2974,
128.8887, 119.6187

 12.6745, 18.6201,
14.8378


131.5207,
162.0086, 152.1746

 7.2802, 11.3961,
8.5603

164.4668,
200.3654, 190.1586

 3.6859, 6.3339,
4.3626

202.5010,
244.3436, 233.9893

 1.5260, 3.0492,
1.8263

245.9886,

 0.3434, 1.1575,

294.3276, 284.0854

0.4452

295.2949,
350.7018, 340.8653

■ 0.0000, 0.0265,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.3101, 57.1071,
50.3351

■ 43.3101, 57.1071,
50.3351

■ 38.8865, 54.9514,
44.5610

■ 48.5344, 59.6681,
56.6234

■ 35.2164, 53.1724,
39.2841

■ 54.5940, 62.6475,
63.4348

■ 32.2547, 51.7487,
34.4916

■ 61.5268, 66.0660,
70.7828

■ 29.9496, 50.6536,
30.1690

■ 69.3673, 69.9413,
78.6793

■ 28.2410, 49.8566,
26.3007

■ 78.1479, 74.2898,
87.1357

■ 27.0573, 49.3211,
22.8702

■ 81.6043, 75.8819,
95.8684

■ 26.4696, 49.0640,
20.7700

■ 83.3376, 76.5752,
104.9959

Harmonies

Analogous

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



46.6590, 57.1071, 38.2517



43.3101, 57.1071, 50.3351



42.7671, 57.1071, 68.2830

Triad

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



43.3101, 57.1071, 50.3351



56.3697, 57.1071, 105.0336



64.6111, 57.1071, 41.9523

Complementary

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



43.3101, 57.1071, 50.3351



45.7942, 37.2378, 47.9563

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.



67.6900, 57.1071, 56.4518



43.3101, 57.1071, 50.3351



62.6856, 57.1071, 94.4482

Square

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



43.3101, 57.1071, 50.3351



49.9676, 57.1071, 102.4799



66.9582, 57.1071, 75.7508



58.8306, 57.1071, 34.1317

Rectangle

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



43.3101, 57.1071, 50.3351



44.0215, 57.1071, 81.6599



66.9582, 57.1071, 75.7508



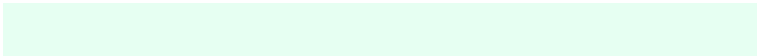
66.0167, 57.1071, 46.0739

Sweetspot

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



43.3117, 57.1095, 50.3364



84.2165, 94.6538, 97.6082



48.0312, 59.8865, 35.0152



17.7232, 20.1107, 20.5666



0.0000, 0.0000, 0.0000



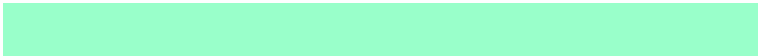
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3117, 57.1095, 50.3364



59.5390, 82.5492, 68.5754



47.2136, 58.6702, 70.8839



12.5076, 13.9940, 14.4874



16.0505, 29.6755, 12.8273



1.0098, 1.8066, 0.9933

Inverse Universe

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



45.7942, 37.2378, 47.9563



63.7909, 48.5063, 64.4929



42.6949, 35.9980, 31.6355



12.6908, 12.5278, 14.3122



18.5667, 9.3630, 10.2881



1.1616, 0.5814, 0.8403

Previews

White Background



This preview shows how the XYZ color 43.3101, 57.1071, 50.3351 looks on a white background.

Color Contrast Check

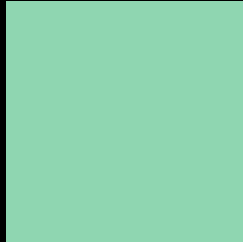
Large Text (above 18pt) WCAG AA × Fail

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 43.3101, 57.1071, 50.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

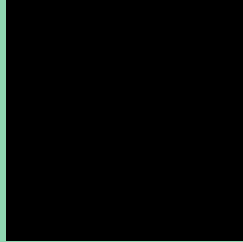
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3101, 57.1071, 50.3351

Background



This preview shows how black text looks on a background with the XYZ color 43.3101, 57.1071, 50.3351.



This preview shows how white text looks on a background with the XYZ color 43.3101, 57.1071,

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

43.3101, 57.1071, 50.3351

Protanopia

53.3679, 56.6626, 45.6603

Deuteranopia

57.5057, 56.3270, 52.0973



Tritanopia

48.9042, 56.7798, 78.9031

Trichromacy



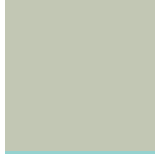
Original Color

43.3101, 57.1071, 50.3351



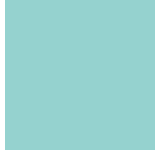
Protanomaly

48.8064, 56.3546, 47.3349



Deuteranomaly

50.9098, 55.6115, 51.2309



Tritanomaly

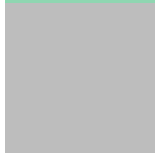
46.7035, 56.9877, 67.5697

Monochromacy



Original Color

43.3101, 57.1071, 50.3351



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.9643, 52.6616, 53.6411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3101, 57.1071, 50.3351 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, 214, 177)` looks like.

```
.text, #text, p{  
    color:rgb(143, 214, 177)  
}
```

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, 214, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 214, 177) }
```

Border

The CSS property to change the border of an element to XYZ 43.3101, 57.1071, 50.3351 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, 214, 177) }
```


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

```
.border{ border-color:rgb(143, 214, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 214, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 214, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 214, 177);  
box-shadow:4px 4px 4px 4px rgb(143, 214,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3101, 57.1071, 50.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 214, 177) }
```

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

```
.background{ background-color: rgb(143,  
214, 177) }
```

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