

Converting Colors

XYZ(43.4775, 50.2088, 50.2781)

Have a look what the booklet for
XYZ(43.4775, 50.2088, 50.2781)
contains.

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Color

**XYZ(43.3648, 50.0537,
50.0236)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C2B3
RGB	167, 194, 179
RGB Percent	65%, 76%, 70%
CMY	0.3451, 0.2392, 0.2980
CMYK	0.14, 0.00, 0.08, 0.24
HSL	147°, 18%, 71%
HSV	147°, 14%, 76%
XYZ	43.3648, 50.0537, 50.0236
YIQ	184.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

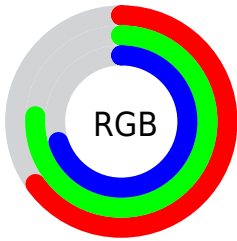
Format	Color
R _Y B	167, 186, 194
Decimal	10994355
CIE Lab	76.10, -12.07, 4.47
CIE LCh	76, 12.875, 159.673
Yxy	50.0537, 0.3023, 0.3489
Android (android.graphics.Color)	4289184435 (0xFFA7C2B3)
YUV	184.2170, -2.5720, -15.0993
Hunter-Lab	70.7486, -14.4000, 7.6024

Details

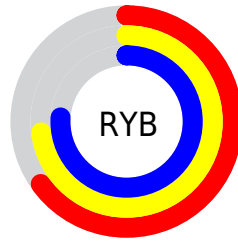
The XYZ color **43.3648, 50.0537, 50.0236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.5121, 42.4854, 50.1126**, and the grayscale version is **45.6992, 48.0792, 52.3582**.

A 20% lighter version of the original color is **79.6168, 90.5221, 91.8735**, and **20.2142, 23.9074, 23.2878** is the 20% darker color. If you saturate the color by 10%, you get **38.5220, 47.6796, 44.3274**, and if you desaturate by 10%, it is **48.9104, 52.7830, 56.1997**.

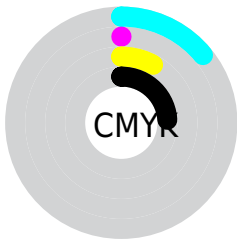
Distribution



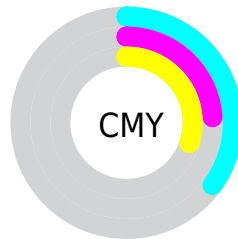
- Red (65%)
- Green (76%)
- Blue (70%)



- Red (65%)
- Yellow (73%)
- Blue (76%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3648, 50.0537, 50.0236 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 43.3648, 50.0537, 50.0236 by changing the saturation by 10% instead.


 43.3648, 50.0537,
50.0236


 43.3648, 50.0537,
50.0236


351.0060,
386.8759, 403.4959

 30.3672, 35.4561,
35.0608


 79.5134, 90.2544,
91.6065

 20.2669, 24.0144,
23.4258


 103.3950,
116.6263, 119.0637

 12.6986, 15.3443,
14.7000


131.6354,
147.6918, 151.5229

 7.2969, 9.0614,
8.4648

164.5999,
183.8351, 189.4024

 3.6964, 4.7812,
4.3018

202.6539,
225.4408, 233.1210

 1.5319, 2.1195,
1.7923

246.1626,

 0.3474, 0.6756,

272.8933, 283.0971

0.4229

295.4916,
326.5768, 339.7492

■ 0.0000, 0.0000,
0.0000

■ 43.3648, 50.0537,
50.0236

■ 43.3648, 50.0537,
50.0236

■ 38.5220, 47.6796,
44.3274

■ 48.9104, 52.7830,
56.1997

■ 34.3488, 45.6397,
39.0963

■ 55.1823, 55.8753,
62.8634

■ 30.8150, 43.9201,
34.3194

■ 62.2076, 59.3457,
70.0266

■ 27.8869, 42.5035,
29.9843

■ 70.0110, 63.2068,
77.6995

■ 25.5270, 41.3709,
26.0780

■ 75.2258, 65.7227,
85.7336

■ 23.6938, 40.5013,
22.5865

■ 76.8125, 66.3573,
94.0888

■ 22.3397, 39.8702,
19.4954

■ 78.4948, 67.0303,
102.9480

■ 21.4072, 39.4484,
16.7888

■ 78.5827, 67.0654,
103.4109

■ 20.9811, 39.2608,
15.3220

Harmonies

Analogous

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



44.6803, 50.0537, 44.9203



43.3648, 50.0537, 50.0236



43.1560, 50.0537, 56.7578

Triad

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



43.3648, 50.0537, 50.0236



48.3565, 50.0537, 68.6398



51.2269, 50.0537, 46.4677

Complementary

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



43.3648, 50.0537, 50.0236



44.5121, 42.4854, 50.1126

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.



52.2848, 50.0537, 52.3028



43.3648, 50.0537, 50.0236



50.5911, 50.0537, 65.3531

Square

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



43.3648, 50.0537, 50.0236



45.9847, 50.0537, 67.8996



52.0483, 50.0537, 59.2357



49.2006, 50.0537, 42.9905

Rectangle

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



43.3648, 50.0537, 50.0236



43.6651, 50.0537, 61.3293



52.0483, 50.0537, 59.2357



51.7106, 50.0537, 48.1974

Sweetspot

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



43.3662, 50.0558, 50.0247



88.4545, 95.5489, 101.6467



45.6309, 51.3575, 44.0679



19.1922, 20.8364, 22.0652



0.0000, 0.0000, 0.0000



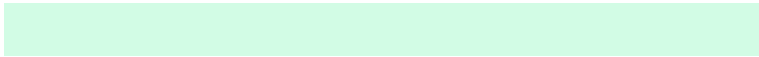
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3662, 50.0558, 50.0247



75.4854, 89.1722, 87.0738



44.7664, 50.6159, 57.3982



10.1263, 11.3316, 11.6682



13.8338, 25.8276, 10.2837



0.6324, 1.1298, 0.6267

Inverse Universe

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



44.5121, 42.4854, 50.1126



78.0017, 72.5475, 87.2660



43.2110, 41.9650, 43.2611



10.3022, 10.1695, 11.6818



16.4415, 8.2663, 10.2368



0.7446, 0.3709, 0.6227

Previews

White Background



This preview shows how the XYZ color 43.3648, 50.0537, 50.0236 looks on a white background.

Color Contrast Check

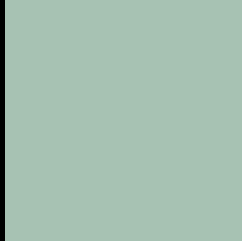
Large Text (above 18pt) WCAG AA × Fail

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 43.3648, 50.0537, 50.0236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

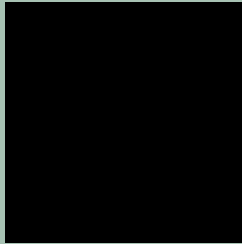
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3648, 50.0537, 50.0236

Background



This preview shows how black text looks on a background with the XYZ color 43.3648, 50.0537, 50.0236.



This preview shows how white text looks on a background with the XYZ color 43.3648, 50.0537,

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

43.3648, 50.0537, 50.0236

Protanopia

47.7563, 50.1051, 47.7117

Deuteranopia

50.6995, 49.6905, 51.1751



Tritanopia

46.4462, 50.0053, 64.9616

Trichromacy



Original Color

43.3648, 50.0537, 50.0236

Protanomaly

46.0171, 50.1518, 48.3292

Deuteranomaly

47.6376, 49.6605, 50.7907

Tritanomaly

45.1722, 49.7932, 59.4548

Monochromacy



Original Color

43.3648, 50.0537, 50.0236

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.7868, 48.8088, 51.3165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3648, 50.0537, 50.0236 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(167, 194, 179)` looks like.

```
.text, #text, p{  
    color:rgb(167, 194, 179)  
}
```

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(167, 194, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 194, 179) }
```

Border

The CSS property to change the border of an element to XYZ 43.3648, 50.0537, 50.0236 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(167, 194, 179) }
```


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

```
.border{ border-color:rgb(167, 194, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 194, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 194, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 194, 179);  
box-shadow:4px 4px 4px 4px rgb(167, 194,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3648, 50.0537, 50.0236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 194, 179) }
```

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

```
.background{ background-color: rgb(167,  
194, 179) }
```

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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