

Converting Colors

XYZ(45.5335, 53.8842, 54.6696)

Have a look what the booklet for
XYZ(45.5335, 53.8842, 54.6696)
contains.

XYZ(45.5005, 53.7856, 54.4379)	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(45.5005, 53.7856,
54.4379)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CABA
RGB	165, 202, 186
RGB Percent	65%, 79%, 73%
CMY	0.3529, 0.2078, 0.2706
CMYK	0.18, 0.00, 0.08, 0.21
HSL	154°, 26%, 72%
HSV	154°, 18%, 79%
XYZ	45.5005, 53.7856, 54.4379
YIQ	189.1130, -16.9160, -12.8200

Conversions

Conversions Part 2

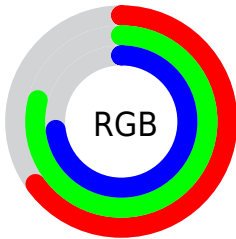
Format	Color
RYB	165, 189, 202
Decimal	10865338
CIELab	78.34, -15.49, 3.91
CIELCh	78, 15.972, 165.820
Yxy	53.7856, 0.2960, 0.3499
Android (android.graphics.Color)	4289055418 (0xFFA5CABA)
YUV	189.1130, -1.5347, -21.1471
Hunter-Lab	73.3387, -17.5984, 7.3272

Details

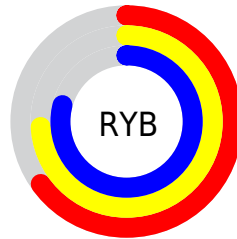
The XYZ color **45.5005, 53.7856, 54.4379** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.1546, 42.8043, 49.5479**, and the grayscale version is **48.4511, 50.9743, 55.5110**.

A 20% lighter version of the original color is **81.3022, 93.1464, 97.6984**, and **21.6336, 26.3840, 26.1427** is the 20% darker color. If you saturate the color by 10%, you get **40.7259, 51.4297, 49.5142**, and if you desaturate by 10%, it is **50.9986, 56.5108, 59.6942**.

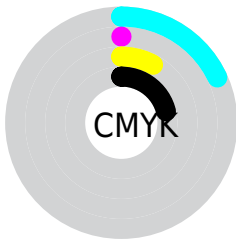
Distribution



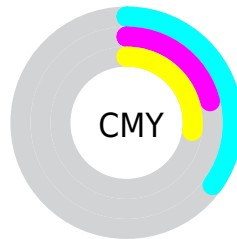
- Red (65%)
- Green (79%)
- Blue (73%)



- Red (65%)
- Yellow (74%)
- Blue (79%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)



- Cyan (35%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5005, 53.7856, 54.4379 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 45.5005, 53.7856, 54.4379 by changing the saturation by 10% instead.


 45.5005, 53.7856,
54.4379


 45.5005, 53.7856,
54.4379


359.5465,
401.2919, 420.9994

 32.0548, 38.4303,
38.5563


 82.7034, 95.7594,
98.1798

 21.5591, 26.3168,
26.1096


 107.1913,
123.1466, 126.8771

 13.6481, 17.0608,
16.6791


136.0907,
155.3133, 160.6835

 7.9564, 10.2778,
9.8464

169.7668,
192.6438, 200.0174

 4.1186, 5.5836,
5.1930

208.5851,
235.5225, 245.2974

 1.7695, 2.5936,
2.3002

252.9109,

 0.4992, 0.9234,

284.3338, 296.9421

0.7313

303.1096,
339.4622, 355.3699

■ 0.0000, 0.0000,
0.0000

■ 45.5005, 53.7856,
54.4379

■ 45.5005, 53.7856,
54.4379

■ 40.7259, 51.4297,
49.5142

■ 50.9986, 56.5108,
59.6942

■ 36.6381, 49.4200,
44.9127

■ 57.2456, 59.6140,
65.2860

■ 33.2041, 47.7410,
40.6277

■ 64.2714, 63.1118,
71.2208

■ 30.3861, 46.3734,
36.6517

■ 72.1026, 67.0180,
77.5047

■ 28.1425, 45.2957,
32.9772

■ 76.5999, 69.1985,
83.9488

■ 26.4258, 44.4838,
29.5960

■ 77.8558, 69.7008,
90.5620

■ 25.1807, 43.9092,
26.4993

■ 79.1740, 70.2281,
97.5036

■ 24.3230, 43.5286,
23.6770

■ 80.4116, 70.7231,
104.0205

■ 24.1955, 43.4727,
23.2278

Harmonies

Analogous

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



46.9218, 53.7856, 47.3437



45.5005, 53.7856, 54.4379



45.5418, 53.7856, 63.3940

Triad

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



45.5005, 53.7856, 54.4379



52.7816, 53.7856, 76.7806



55.4359, 53.7856, 47.0412

Complementary

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



45.5005, 53.7856, 54.4379



46.1546, 42.8043, 49.5479

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.



57.1395, 53.7856, 53.9846



45.5005, 53.7856, 54.4379



55.5648, 53.7856, 71.4288

Square

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



45.5005, 53.7856, 54.4379



49.6600, 53.7856, 76.9339



57.1876, 53.7856, 62.8922



52.6116, 53.7856, 43.3781

Rectangle

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



45.5005, 53.7856, 54.4379



46.3907, 53.7856, 69.2521



57.1876, 53.7856, 62.8922



56.1636, 53.7856, 49.0353

Sweetspot

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



45.5020, 53.7878, 54.4391



89.6386, 97.3114, 104.0789



46.9777, 54.7879, 43.6971



19.0293, 20.7507, 22.1347



0.0000, 0.0000, 0.0000



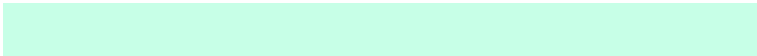
20.3446, 21.4041, 23.3091

Same Dimension

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



45.5020, 53.7878, 54.4391



73.6735, 89.4032, 88.7810



46.7259, 53.3586, 63.7164



11.3303, 12.6419, 13.2967



15.6142, 27.9910, 15.1853



0.8431, 1.4591, 0.9816

Inverse Universe

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



46.1546, 42.8043, 49.5479



74.9816, 67.3973, 78.9836



45.0547, 43.0832, 41.5393



11.4104, 11.2929, 12.6957



16.8329, 8.5437, 6.8387



0.9062, 0.4559, 0.5520

Previews

White Background



This preview shows how the XYZ color 45.5005, 53.7856, 54.4379 looks on a white background.

Color Contrast Check

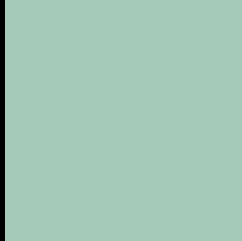
Large Text (above 18pt) WCAG AA × Fail

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 45.5005, 53.7856, 54.4379 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

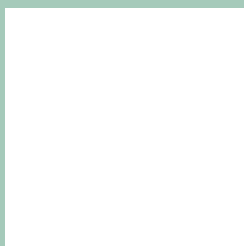
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.5005, 53.7856, 54.4379

Background



This preview shows how black text looks on a background with the XYZ color 45.5005, 53.7856, 54.4379.

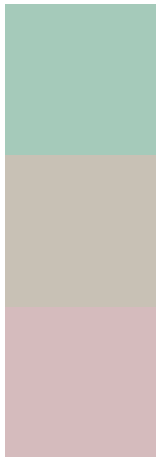


This preview shows how white text looks on a background with the XYZ color 45.5005, 53.7856,

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

45.5005, 53.7856, 54.4379

Protanopia

51.2299, 53.7555, 51.3918

Deuteranopia

54.3962, 53.3609, 55.5768



Tritanopia

48.9092, 53.7893, 71.4229

Trichromacy



Original Color

45.5005, 53.7856, 54.4379

Protanomaly

48.7807, 53.4635, 52.5482

Deuteranomaly

50.6917, 53.0659, 55.1480

Tritanomaly

47.4710, 53.5313, 64.9573

Monochromacy



Original Color

45.5005, 53.7856, 54.4379

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.1913, 51.9177, 55.1108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5005, 53.7856, 54.4379 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(165, 202, 186)` looks like.

```
.text, #text, p{  
    color:rgb(165, 202, 186)  
}
```

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(165, 202, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 202, 186) }
```

Border

The CSS property to change the border of an element to XYZ 45.5005, 53.7856, 54.4379 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(165, 202, 186) }
```


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

```
.border{ border-color:rgb(165, 202, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 202, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 202, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 202, 186);  
box-shadow:4px 4px 4px 4px rgb(165, 202,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5005, 53.7856, 54.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 202, 186) }
```

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

```
.background{ background-color: rgb(165,  
202, 186) }
```

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