

Converting Colors

XYZ(41.5453, 50.3149, 54.6886)

Have a look what the booklet for
XYZ(41.5453, 50.3149, 54.6886)
contains.

XYZ(41.5582, 50.3656, 54.5449)	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(41.5582, 50.3656,
54.5449)**

Conversions

Conversions Part 1

Format	Color
Hex	95C6BB
RGB	149, 198, 187
RGB Percent	58%, 78%, 73%
CMY	0.4157, 0.2235, 0.2667
CMYK	0.25, 0.00, 0.06, 0.22
HSL	167°, 30%, 68%
HSV	167°, 25%, 78%
XYZ	41.5582, 50.3656, 54.5449
YIQ	182.0950, -25.6730, -13.8090

Conversions

Conversions Part 2

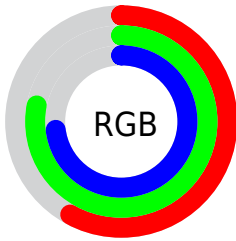
Format	Color
RYB	149, 177, 198
Decimal	9815739
CIELab	76.29, -18.32, 0.29
CIElCh	76, 18.319, 179.107
Yxy	50.3656, 0.2837, 0.3439
Android (android.graphics.Color)	4288005819 (0xFF95C6BB)
YUV	182.0950, 2.4182, -29.0243
Hunter-Lab	70.9687, -19.6684, 4.1092

Details

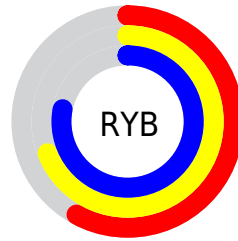
The XYZ color **41.5582, 50.3656, 54.5449** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.3831, 36.0402, 38.0879**, and the grayscale version is **44.5136, 46.8318, 50.9998**.

A 20% lighter version of the original color is **76.8395, 90.8284, 98.2758**, and **19.2061, 24.2091, 26.2148** is the 20% darker color. If you saturate the color by 10%, you get **37.7800, 48.4733, 51.9227**, and if you desaturate by 10%, it is **45.9682, 52.5845, 57.2757**.

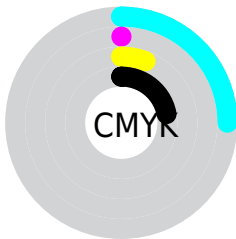
Distribution



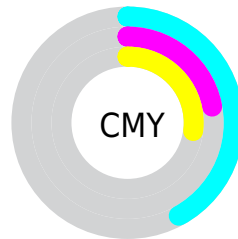
- Red (58%)
- Green (78%)
- Blue (73%)



- Red (58%)
- Yellow (69%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)





- Cyan (42%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5582, 50.3656, 54.5449 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 41.5582, 50.3656, 54.5449 by changing the saturation by 10% instead.


 41.5582, 50.3656,
54.5449


 41.5582, 50.3656,
54.5449

343.6711,
388.0939, 421.4177

 28.9451, 35.7040,
38.6413

 76.7999, 90.7163,
98.3383

 19.1834, 24.2057,
26.1751

 100.1592,
117.1742, 127.0652

 11.9076, 15.4863,
16.7278


127.8313,
148.3330, 160.9036

 6.7526, 9.1614,
9.8807

160.1816,
184.5771, 200.2722

 3.3528, 4.8466,
5.2154

197.5753,
226.2908, 245.5893

 1.3430, 2.1575,
2.3132

240.3779,

 0.2150, 0.6967,

273.8586, 297.2736

0.7386

288.9547,
327.6648, 355.7435

■ 0.0000, 0.0000,
0.0000

■ 41.5582, 50.3656,
54.5449

■ 41.5582, 50.3656,
54.5449

■ 37.7800, 48.4733,
51.9227

■ 45.9682, 52.5845,
57.2757

■ 34.5981, 46.8855,
49.4036

■ 51.0346, 55.1388,
60.1138

■ 31.9800, 45.5866,
46.9864

■ 56.7860, 58.0444,
63.0623

■ 29.8884, 44.5574,
44.6687

■ 63.2481, 61.3147,
66.1229

■ 28.2812, 43.7764,
42.4478

■ 70.4451, 64.9621,
69.2975

■ 27.1100, 43.2185,
40.3208

■ 73.5313, 66.4885,
72.3600

■ 26.3158, 42.8533,
38.2840

■ 74.1059, 66.7183,
75.3858

■ 25.9899, 42.7079,
37.2474

■ 74.6961, 66.9544,
78.4938

■ 75.3020, 67.1968,
81.6846

Harmonies

Analogous

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



42.4172, 50.3656, 45.6784



41.5582, 50.3656, 54.5449



42.3221, 50.3656, 64.5785

Triad

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



41.5582, 50.3656, 54.5449



51.1606, 50.3656, 73.1083



51.3475, 50.3656, 40.1392

Complementary

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



41.5582, 50.3656, 54.5449



40.3831, 36.0402, 38.0879

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.



53.8848, 50.3656, 46.1326



41.5582, 50.3656, 54.5449



53.7733, 50.3656, 65.1504

Square

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



41.5582, 50.3656, 54.5449



47.7680, 50.3656, 76.0412



54.7927, 50.3656, 55.1353



47.9741, 50.3656, 37.9979

Rectangle

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



41.5582, 50.3656, 54.5449



43.6707, 50.3656, 70.4393



54.7927, 50.3656, 55.1353



52.3323, 50.3656, 41.7319

Sweetspot

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



41.5596, 50.3677, 54.5460



88.1465, 96.5149, 105.2437



40.2045, 50.0786, 35.9819



18.7457, 20.5970, 22.4600



0.0000, 0.0000, 0.0000



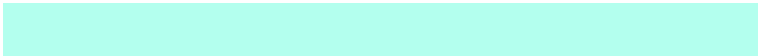
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5596, 50.3677, 54.5460



69.6417, 87.2069, 93.9149



39.9241, 45.1387, 60.0369



10.8409, 12.0252, 13.1121



16.9346, 27.7862, 24.3981



0.8277, 1.3260, 1.2912

Inverse Universe

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



40.3831, 36.0402, 38.0879



67.1871, 57.2709, 59.5451



41.6473, 40.0414, 33.9685



10.7298, 10.6753, 11.5603



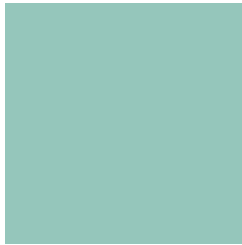
15.4736, 7.9390, 2.4379



0.7610, 0.3873, 0.2648

Previews

White Background



This preview shows how the XYZ color 41.5582, 50.3656, 54.5449 looks on a white background.

Color Contrast Check

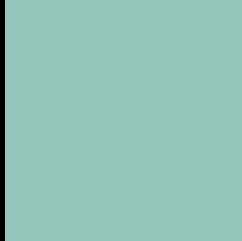
Large Text (above 18pt) WCAG AA × Fail

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 41.5582, 50.3656, 54.5449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

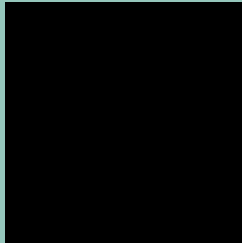
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5582, 50.3656, 54.5449

Background



This preview shows how black text looks on a background with the XYZ color 41.5582, 50.3656, 54.5449.



This preview shows how white text looks on a background with the XYZ color 41.5582, 50.3656,

54.5449.

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

41.5582, 50.3656, 54.5449

Protanopia

47.8490, 50.0833, 50.8612

Deuteranopia

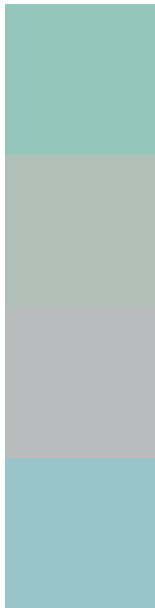
50.9241, 50.0110, 55.6843



Tritanopia

44.4744, 50.5534, 68.3865

Trichromacy



Original Color

41.5582, 50.3656, 54.5449

Protanomaly

45.0825, 49.9106, 52.0574

Deuteranomaly

46.9357, 49.8309, 55.2887

Tritanomaly

43.3495, 50.4195, 63.3243

Monochromacy



Original Color

41.5582, 50.3656, 54.5449

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.2125, 47.9732, 52.3296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5582, 50.3656, 54.5449 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(149, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 187) }
```

Border

The CSS property to change the border of an element to XYZ 41.5582, 50.3656, 54.5449 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(149, 198, 187) }
```


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

```
.border{ border-color:rgb(149, 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(149, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 198, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 198, 187); box-shadow:4px 4px 4px 4px rgb(149, 198, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5582, 50.3656, 54.5449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 187) }
```

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

```
.background{ background-color: rgb(149,  
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