

Converting Colors

XYZ(43.3751, 52.3335, 54.8219)

Have a look what the booklet for
XYZ(43.3751, 52.3335, 54.8219)
contains.

XYZ(43.3739, 52.3297, 54.8283)	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(43.3739, 52.3297,
54.8283)**

Conversions

Conversions Part 1

Format	Color
Hex	9BC9BB
RGB	155, 201, 187
RGB Percent	61%, 79%, 73%
CMY	0.3921, 0.2117, 0.2667
CMYK	0.23, 0.00, 0.07, 0.21
HSL	162°, 30%, 70%
HSV	162°, 23%, 79%
XYZ	43.3739, 52.3297, 54.8283
YIQ	185.6500, -22.9220, -14.1060

Conversions

Conversions Part 2

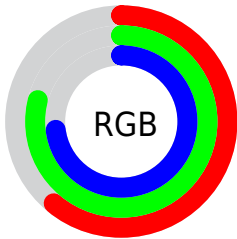
Format	Color
RYB	155, 182, 201
Decimal	10209723
CIELab	77.48, -17.97, 2.05
CIELCh	77, 18.091, 173.484
Yxy	52.3297, 0.2881, 0.3476
Android (android.graphics.Color)	4288399803 (0xFF9BC9BB)
YUV	185.6500, 0.6655, -26.8801
Hunter-Lab	72.3393, -19.5669, 5.6997

Details

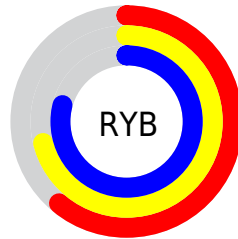
The XYZ color **43.3739, 52.3297, 54.8283** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.9721, 38.7263, 42.7485**, and the grayscale version is **46.4832, 48.9039, 53.2563**.

A 20% lighter version of the original color is **78.5160, 91.6927, 98.3542**, and **20.3303, 25.4722, 26.3994** is the 20% darker color. If you saturate the color by 10%, you get **39.1920, 50.2493, 51.2867**, and if you desaturate by 10%, it is **48.2288, 54.7566, 58.5494**.

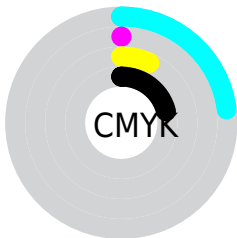
Distribution



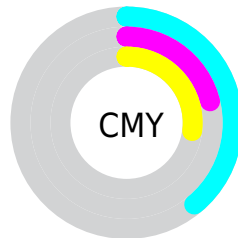
- Red (61%)
- Green (79%)
- Blue (73%)



- Red (61%)
- Yellow (71%)
- Blue (79%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)





- Cyan (39%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3739, 52.3297, 54.8283 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 43.3739, 52.3297, 54.8283 by changing the saturation by 10% instead.


 43.3739, 52.3297,
54.8283


 43.3739, 52.3297,
54.8283


351.0427,
395.7081, 422.5243

 30.3744, 37.2679,
38.8666

 79.5270, 93.6173,
98.7580

 20.2724, 25.4150,
26.3489


 103.4113,
120.6119, 127.5630

 12.7026, 16.3865,
16.8568


131.6545,
152.3530, 161.4863

 7.2997, 9.7981,
9.9715

164.6221,
189.2248, 200.9462

 3.6982, 5.2653,
5.2747

202.6793,
231.6118, 246.3615

 1.5329, 2.4037,
2.3478

246.1916,

 0.3480, 0.8278,

279.8985, 298.1506

0.7578

295.5243,
334.4691, 356.7320

■ 0.0000, 0.0000,
0.0000

■ 43.3739, 52.3297,
54.8283

■ 43.3739, 52.3297,
54.8283

■ 39.1920, 50.2493,
51.2867

■ 48.2288, 54.7566,
58.5494

■ 35.6465, 48.4925,
47.9176

■ 53.7823, 57.5389,
62.4495

■ 32.7042, 47.0434,
44.7189

■ 60.0637, 60.6932,
66.5328

■ 30.3267, 45.8824,
41.6868

■ 67.0996, 64.2332,
70.8024

■ 28.4714, 44.9875,
38.8175

■ 74.7293, 68.0758,
75.2523

■ 27.0890, 44.3335,
36.1067

■ 75.5431, 68.4013,
79.5375

■ 26.1206, 43.8898,
33.5498

■ 76.3867, 68.7388,
83.9798

■ 25.6080, 43.6633,
31.8197

■ 77.2604, 69.0883,
88.5810

■ 78.1646, 69.4500,
93.3426

Harmonies

Analogous

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



44.5453, 52.3297, 46.3063



43.3739, 52.3297, 54.8283



43.8426, 52.3297, 64.9713

Triad

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



43.3739, 52.3297, 54.8283



52.4556, 52.3297, 76.4504



53.8319, 52.3297, 42.9067

Complementary

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



43.3739, 52.3297, 54.8283



42.9721, 38.7263, 42.7485

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.



56.1391, 52.3297, 49.6690



43.3739, 52.3297, 54.8283



55.3189, 52.3297, 69.1753

Square

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



43.3739, 52.3297, 54.8283



48.9814, 52.3297, 78.2468



56.6956, 52.3297, 59.1835



50.5020, 52.3297, 39.9616

Rectangle

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



43.3739, 52.3297, 54.8283



45.0333, 52.3297, 71.2282



56.6956, 52.3297, 59.1835



54.7590, 52.3297, 44.7679

Sweetspot

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



43.3754, 52.3319, 54.8295



87.9226, 96.4253, 104.0645



43.2888, 52.6399, 38.8903



18.6937, 20.5762, 22.1864



0.0000, 0.0000, 0.0000



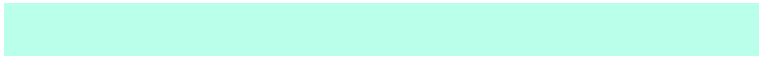
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3754, 52.3319, 54.8295



70.9036, 87.9209, 91.1075



43.0362, 49.1363, 62.4768



10.8039, 12.0104, 12.9175



16.1429, 27.4695, 20.2291



0.7955, 1.3131, 1.1218

Inverse Universe

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



42.9721, 38.7263, 42.7485



70.1061, 60.9513, 67.1701



43.1798, 41.1341, 36.6752



10.7646, 10.6892, 11.7435



15.7140, 8.0352, 3.7039



0.7768, 0.3935, 0.3476

Previews

White Background



This preview shows how the XYZ color 43.3739, 52.3297, 54.8283 looks on a white background.

Color Contrast Check

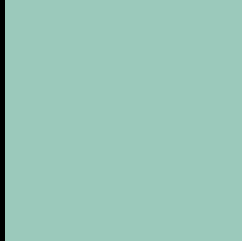
Large Text (above 18pt) WCAG AA × Fail

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 43.3739, 52.3297, 54.8283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

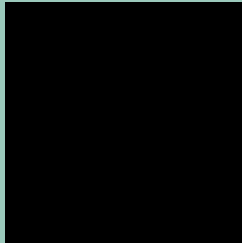
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3739, 52.3297, 54.8283

Background



This preview shows how black text looks on a background with the XYZ color 43.3739, 52.3297, 54.8283.



This preview shows how white text looks on a background with the XYZ color 43.3739, 52.3297,

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

43.3739, 52.3297, 54.8283

Protanopia

49.7799, 52.0334, 51.1358

Deuteranopia

52.9377, 51.9709, 55.9565



Tritanopia

46.4737, 52.2102, 70.5789

Trichromacy



Original Color

43.3739, 52.3297, 54.8283

Protanomaly

47.1304, 51.9476, 52.3426

Deuteranomaly

48.8024, 51.7545, 55.5616

Tritanomaly

45.1937, 52.0169, 64.7850

Monochromacy



Original Color

43.3739, 52.3297, 54.8283

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.1729, 49.9207, 53.7092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3739, 52.3297, 54.8283 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(155, 201, 187)` looks like.

```
.text, #text, p{  
    color:rgb(155, 201, 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(155, 201, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 201, 187) }
```

Border

The CSS property to change the border of an element to XYZ 43.3739, 52.3297, 54.8283 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(155, 201, 187) }
```


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

```
.border{ border-color:rgb(155, 201, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 201, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 201, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 201, 187); box-shadow:4px 4px 4px 4px rgb(155, 201, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3739, 52.3297, 54.8283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 201, 187) }
```

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

```
.background{ background-color: rgb(155,  
201, 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](#).

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