

Converting Colors

XYZ(43.4435, 52.6560, 57.9555)

Have a look what the booklet for
XYZ(43.4435, 52.6560, 57.9555)
contains.

XYZ(43.3975, 52.6261, 57.7397)	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(43.3975, 52.6261,
57.7397)**

Conversions

Conversions Part 1

Format	Color
Hex	97CAC0
RGB	151, 202, 192
RGB Percent	59%, 79%, 75%
CMY	0.4078, 0.2078, 0.2471
CMYK	0.25, 0.00, 0.05, 0.21
HSL	168°, 32%, 69%
HSV	168°, 25%, 79%
XYZ	43.3975, 52.6261, 57.7397
YIQ	185.6110, -27.1860, -13.9220

Conversions

Conversions Part 2

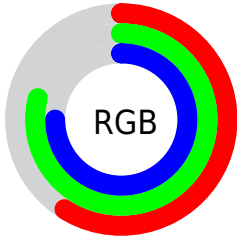
Format	Color
RYB	151, 179, 202
Decimal	9947840
CIELab	77.65, -18.66, -0.41
CIELCh	78, 18.668, 181.262
Yxy	52.6261, 0.2822, 0.3423
Android (android.graphics.Color)	4288137920 (0xFF97CAC0)
YUV	185.6110, 3.1498, -30.3538
Hunter-Lab	72.5438, -20.1687, 3.5901

Details

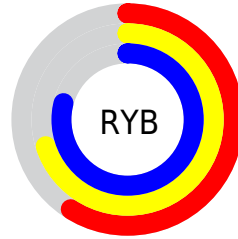
The XYZ color **43.3975, 52.6261, 57.7397** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8587, 37.2645, 38.7071**, and the grayscale version is **46.4496, 48.8686, 53.2179**.

A 20% lighter version of the original color is **78.1569, 91.4191, 102.3333**, and **20.3957, 25.6965, 28.3111** is the 20% darker color. If you saturate the color by 10%, you get **39.5323, 50.6849, 55.2990**, and if you desaturate by 10%, it is **47.9199, 54.9074, 60.2751**.

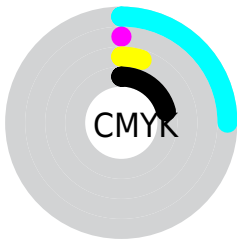
Distribution



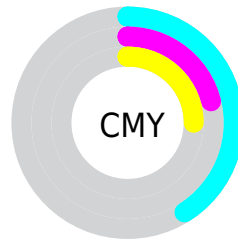
- Red (59%)
- Green (79%)
- Blue (75%)



- Red (59%)
- Yellow (70%)
- Blue (79%)



- Cyan (25%)
- Magenta (0%)
- Yellow (5%)
- Black (21%)





- Cyan (41%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3975, 52.6261, 57.7397 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 43.3975, 52.6261, 57.7397 by changing the saturation by 10% instead.


 43.3975, 52.6261,
57.7397


 43.3975, 52.6261,
57.7397


351.1378,
396.8490, 433.7864

 30.3930, 37.5044,
41.1861


 79.5623, 94.0540,
103.0547

 20.2866, 25.5982,
28.1437


 103.4534,
121.1289, 132.6533

 12.7130, 16.5233,
18.1941


131.7040,
152.9570, 167.4372

 7.3069, 9.8952,
10.9185

164.6795,
189.9226, 207.8250

 3.7028, 5.3295,
5.8986

202.7453,
232.4103, 254.2353

 1.5354, 2.4419,
2.7157

246.2667,

 0.3497, 0.8473,

280.8043, 307.0866

0.9513

295.6091,
335.4890, 366.7975

■ 0.0000, 0.0000,
0.0000

■ 43.3975, 52.6261,
57.7397

■ 43.3975, 52.6261,
57.7397

■ 39.5323, 50.6849,
55.2990

■ 47.9199, 54.9074,
60.2751

■ 36.2869, 49.0606,
52.9474

■ 53.1254, 57.5382,
62.9035

■ 33.6271, 47.7367,
50.6839

■ 59.0442, 60.5353,
65.6280

■ 31.5135, 46.6932,
48.5062

■ 65.7031, 63.9125,
68.4501

■ 29.9018, 45.9070,
46.4118

■ 73.1277, 67.6830,
71.3717

■ 28.7405, 45.3517,
44.3977

■ 74.7266, 68.4489,
74.0846

■ 27.9668, 44.9949,
42.4605

■ 75.2444, 68.6561,
76.8114

■ 27.6774, 44.8653,
41.5640

■ 75.7747, 68.8682,
79.6036

■ 76.3174, 69.0853,
82.4618

Harmonies

Analogous

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



44.1782, 52.6261, 48.2665



43.3975, 52.6261, 57.7397



44.3190, 52.6261, 68.2459

Triad

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



43.3975, 52.6261, 57.7397



53.7079, 52.6261, 76.0238



53.4308, 52.6261, 41.5814

Complementary

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



43.3975, 52.6261, 57.7397



41.8587, 37.2645, 38.7071

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.



56.1891, 52.6261, 47.5935



43.3975, 52.6261, 57.7397



56.3544, 52.6261, 67.3976

Square

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



43.3975, 52.6261, 57.7397



50.1725, 52.6261, 79.5555



57.2831, 52.6261, 56.8643



49.8668, 52.6261, 39.6395

Rectangle

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



43.3975, 52.6261, 57.7397



45.8015, 52.6261, 74.2432



57.2831, 52.6261, 56.8643



54.4889, 52.6261, 43.1546

Sweetspot

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



43.3990, 52.6283, 57.7409



87.3015, 96.0791, 105.2099



41.4464, 52.0755, 37.1464



18.3931, 20.4168, 22.3733



0.0000, 0.0000, 0.0000



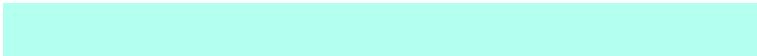
20.3446, 21.4041, 23.3091

Same Dimension

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



43.3990, 52.6283, 57.7409



69.9627, 87.3353, 95.6055



41.1316, 46.2590, 62.6405



11.4453, 12.6879, 13.9023



17.8413, 28.8818, 26.9128



0.9452, 1.4999, 1.5187

Inverse Universe

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



41.8587, 37.2645, 38.7071



66.9420, 57.1729, 58.2542



43.6357, 42.1743, 35.1199



11.3008, 11.2490, 12.1185



15.9412, 8.1871, 2.1430



0.8497, 0.4333, 0.2543

Previews

White Background



This preview shows how the XYZ color 43.3975, 52.6261, 57.7397 looks on a white background.

Color Contrast Check

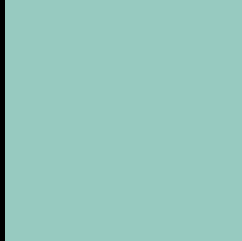
Large Text (above 18pt) WCAG AA × Fail

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 43.3975, 52.6261, 57.7397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

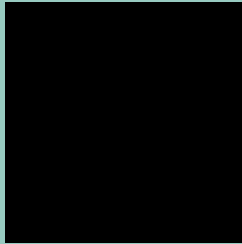
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

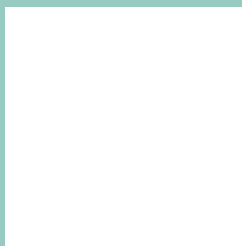
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3975, 52.6261, 57.7397

Background



This preview shows how black text looks on a background with the XYZ color 43.3975, 52.6261, 57.7397.

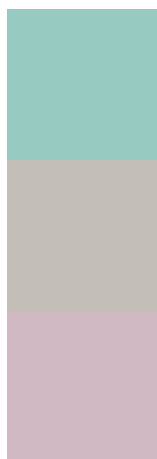


This preview shows how white text looks on a background with the XYZ color 43.3975, 52.6261,

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

43.3975, 52.6261, 57.7397

Protanopia

49.9354, 52.0655, 53.3167

Deuteranopia

53.2117, 52.0480, 58.8715



Tritanopia

46.3995, 52.8211, 72.0400

Trichromacy



Original Color

43.3975, 52.6261, 57.7397

Protanomaly

47.1913, 51.9177, 55.1108

Deuteranomaly

48.8619, 51.7214, 58.4469

Tritanomaly

45.2432, 52.6836, 66.8159

Monochromacy



Original Color

43.3975, 52.6261, 57.7397

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.1603, 50.2144, 54.8891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3975, 52.6261, 57.7397 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(151, 202, 192)` looks like.

```
.text, #text, p{  
    color:rgb(151, 202, 192)  
}
```

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(151, 202, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 202, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.3975, 52.6261, 57.7397 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(151, 202, 192) }
```


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

```
.border{ border-color:rgb(151, 202, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 202, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 202, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 202, 192);  
box-shadow:4px 4px 4px 4px rgb(151, 202,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3975, 52.6261, 57.7397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 202, 192) }
```

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

```
.background{ background-color: rgb(151,  
202, 192) }
```

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