

Converting Colors

XYZ(39.4385, 44.8076, 50.3887)

Have a look what the booklet for
XYZ(39.4385, 44.8076, 50.3887)
contains.

XYZ(39.3856, 44.7853, 50.2846)	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(39.3856, 44.7853,
50.2846)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB8B5
RGB	157, 184, 181
RGB Percent	62%, 72%, 71%
CMY	0.3843, 0.2784, 0.2902
CMYK	0.15, 0.00, 0.02, 0.28
HSL	173°, 16%, 67%
HSV	173°, 15%, 72%
XYZ	39.3856, 44.7853, 50.2846
YIQ	175.5850, -15.1290, -6.6570

Conversions

Conversions Part 2

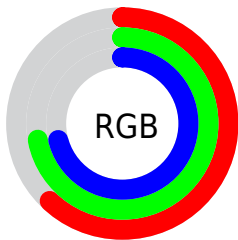
Format	Color
RYB	157, 171, 184
Decimal	10336437
CIELab	72.75, -9.78, -1.57
CIELCh	73, 9.904, 189.148
Yxy	44.7853, 0.2929, 0.3331
Android (android.graphics.Color)	4288526517 (0xFF9DB8B5)
YUV	175.5850, 2.6696, -16.2990
Hunter-Lab	66.9218, -12.0603, 2.2952

Details

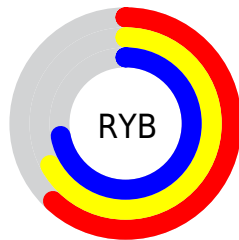
The XYZ color **39.3856, 44.7853, 50.2846** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.1709, 36.8435, 38.3594**, and the grayscale version is **41.0441, 43.1816, 47.0248**.

A 20% lighter version of the original color is **73.5975, 82.4316, 92.1527**, and **17.8383, 20.7944, 23.4956** is the 20% darker color. If you saturate the color by 10%, you get **35.8544, 42.9902, 49.0322**, and if you desaturate by 10%, it is **43.4631, 46.8641, 51.5806**.

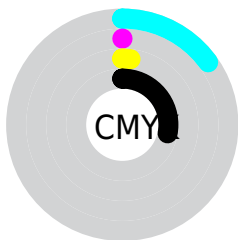
Distribution



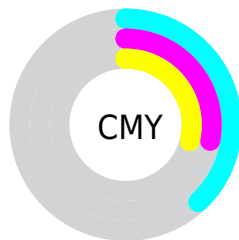
- Red (62%)
- Green (72%)
- Blue (71%)



- Red (62%)
- Yellow (67%)
- Blue (72%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (38%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3856, 44.7853, 50.2846 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 39.3856, 44.7853, 50.2846 by changing the saturation by 10% instead.

■ 39.3856, 44.7853,
50.2846

■ 39.3856, 44.7853,
50.2846

334.7061,
365.9033, 404.5448

■ 27.2419, 31.2883,
35.2668

■ 73.5173, 82.3981,
91.9971

■ 17.8925, 20.8185,
23.5833

■ 96.2361, 107.2828,
119.5288

■ 10.9721, 12.9914,
14.8155

123.2105,
136.7322, 152.0690

■ 6.1152, 7.4226,
8.5448

154.8061,
171.1307, 190.0361

■ 2.9566, 3.7278,
4.3527

191.3880,
210.8626, 233.8487

■ 1.1308, 1.5225,
1.8208

233.3218,

■ 0.0507, 0.3045,

256.3124, 283.9253

0.4416

280.9727,
307.8645, 340.6845

■ 0.0000, 0.0000,
0.0000

■ 39.3856, 44.7853,
50.2846

■ 39.3856, 44.7853,
50.2846

■ 35.8544, 42.9902,
49.0322

■ 43.4631, 46.8641,
51.5806

■ 32.8417, 41.4608,
47.8191

■ 48.1056, 49.2326,
52.9182

■ 30.3226, 40.1855,
46.6451

■ 53.3358, 51.9037,
54.2996

■ 28.2691, 39.1499,
45.5088

■ 59.1739, 54.8878,
55.7257

■ 26.6501, 38.3380,
44.4087

■ 65.6391, 58.1949,
57.1976

■ 25.4308, 37.7317,
43.3430

■ 68.0381, 59.4054,
58.4955

■ 24.5710, 37.3105,
42.3098

■ 68.2684, 59.4975,
59.7085

■ 24.0220, 37.0491,
41.3068

■ 68.5020, 59.5909,
60.9382

■ 23.8009, 36.9465,
40.7824

■ 68.7387, 59.6856,
62.1847

Harmonies

Analogous

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



39.5515, 44.7853, 45.4702



39.3856, 44.7853, 50.2846



40.0542, 44.7853, 54.9892

Triad

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



39.3856, 44.7853, 50.2846



44.6887, 44.7853, 56.4816



43.7548, 44.7853, 40.4393

Complementary

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



39.3856, 44.7853, 50.2846



38.1709, 36.8435, 38.3594

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.



45.1830, 44.7853, 43.0265



39.3856, 44.7853, 50.2846



45.7322, 44.7853, 52.2123

Square

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



39.3856, 44.7853, 50.2846



43.0949, 44.7853, 58.7222



45.9154, 44.7853, 47.2735



42.0436, 44.7853, 39.9998

Rectangle

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



39.3856, 44.7853, 50.2846



40.8940, 44.7853, 57.3527



45.9154, 44.7853, 47.2735



44.2852, 44.7853, 41.0779

Sweetspot

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



39.3869, 44.7872, 50.2856



79.2668, 85.1956, 93.6445



37.7549, 44.2063, 38.4418



16.9602, 18.3011, 20.1492



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



39.3869, 44.7872, 50.2856



68.9624, 79.9464, 90.3195



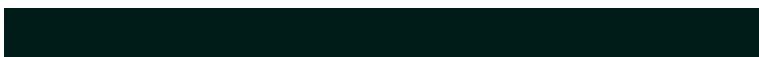
37.6262, 40.7674, 51.2354



9.2225, 10.1930, 11.3290



16.4188, 25.4685, 28.1911



0.5912, 0.9028, 1.0589

Inverse Universe

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



38.1709, 36.8435, 38.3594



66.2826, 62.4367, 64.0337



39.7375, 40.3920, 37.6010



9.0441, 9.0280, 9.5798



13.7269, 7.0645, 1.1827



0.4973, 0.2544, 0.1125

Previews

White Background



This preview shows how the XYZ color 39.3856, 44.7853, 50.2846 looks on a white background.

Color Contrast Check

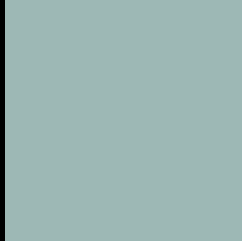
Large Text (above 18pt) WCAG AA × Fail

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 39.3856, 44.7853, 50.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

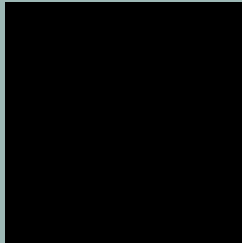
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3856, 44.7853, 50.2846

Background



This preview shows how black text looks on a background with the XYZ color 39.3856, 44.7853, 50.2846.

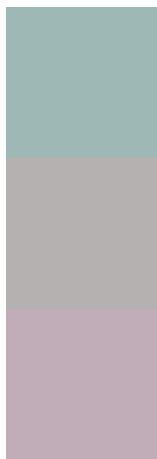


This preview shows how white text looks on a background with the XYZ color 39.3856, 44.7853,

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

39.3856, 44.7853, 50.2846

Protanopia

42.7140, 44.4424, 47.9219

Deuteranopia

45.4831, 44.6435, 51.0196



Tritanopia

41.1890, 44.9150, 58.7231

Trichromacy



Original Color

39.3856, 44.7853, 50.2846

Protanomaly

41.3704, 44.6275, 48.5530

Deuteranomaly

42.9880, 44.5250, 50.5844

Tritanomaly

40.6355, 44.9995, 55.8343

Monochromacy



Original Color

39.3856, 44.7853, 50.2846

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.5182, 43.8896, 48.4555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3856, 44.7853, 50.2846 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(157, 184, 181) looks like.

```
.text, #text, p{  
    color:rgb(157, 184, 181)  
}
```

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(157, 184, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 184, 181) }
```

Border

The CSS property to change the border of an element to XYZ 39.3856, 44.7853, 50.2846 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(157, 184, 181) }
```


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

```
.border{ border-color:rgb(157, 184, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 184, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 184, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 184, 181);  
box-shadow:4px 4px 4px 4px rgb(157, 184,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3856, 44.7853, 50.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 184, 181) }
```

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

```
.background{ background-color: rgb(157,  
184, 181) }
```

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