

Converting Colors

XYZ(39.0821, 51.1532, 55.5378)

Have a look what the booklet for
XYZ(39.0821, 51.1532, 55.5378)
contains.

XYZ(38.9821, 51.1017, 55.3860)	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(38.9821, 51.1017,
55.3860)**

Conversions

Conversions Part 1

Format	Color
Hex	7CCCBC
RGB	124, 204, 188
RGB Percent	49%, 80%, 74%
CMY	0.5137, 0.2000, 0.2627
CMYK	0.39, 0.00, 0.08, 0.20
HSL	168°, 44%, 64%
HSV	168°, 39%, 80%
XYZ	38.9821, 51.1017, 55.3860
YIQ	178.2560, -42.5440, -21.9360

Conversions

Conversions Part 2

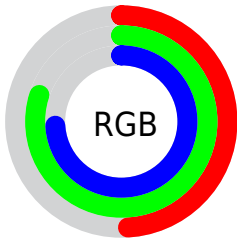
Format	Color
RYB	124, 168, 204
Decimal	8178876
CIELab	76.74, -28.26, 0.24
CIELCh	77, 28.256, 179.504
Yxy	51.1017, 0.2680, 0.3513
Android (android.graphics.Color)	4286368956 (0xFF7CCCBC)
YUV	178.2560, 4.8038, -47.5825
Hunter-Lab	71.4855, -27.7608, 4.1027

Details

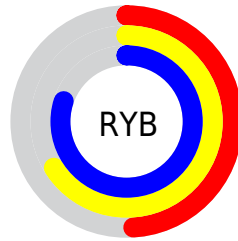
The XYZ color **38.9821, 51.1017, 55.3860** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.8448, 29.1474, 28.4968**, and the grayscale version is **42.4451, 44.6555, 48.6299**.

A 20% lighter version of the original color is **70.9115, 87.7550, 98.7889**, and **17.5749, 24.5094, 26.7262** is the 20% darker color. If you saturate the color by 10%, you get **35.9000, 49.5642, 52.9787**, and if you desaturate by 10%, it is **42.6894, 52.9626, 57.8897**.

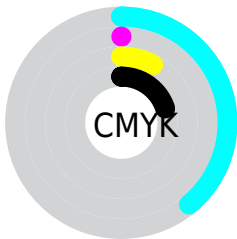
Distribution



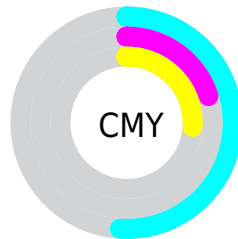
- Red (49%)
- Green (80%)
- Blue (74%)



- Red (49%)
- Yellow (66%)
- Blue (80%)



- Cyan (39%)
- Magenta (0%)
- Yellow (8%)
- Black (20%)





- Cyan (51%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9821, 51.1017, 55.3860 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 38.9821, 51.1017, 55.3860 by changing the saturation by 10% instead.


 38.9821, 51.1017,
55.3860


 38.9821, 51.1017,
55.3860


333.0229,
390.9588, 424.6966


 26.9265, 36.2896,
39.3102


 72.9052, 91.8051,
99.5831

 17.6543, 24.6579,
26.6914


 95.5034, 118.4651,
128.5414

 10.8003, 15.8224,
17.1112


 122.3465,
149.8432, 162.6310

 5.9990, 9.3985,
10.1510

153.7998,
186.3238, 202.2704

 2.8851, 5.0020,
5.3923

190.2288,
228.2913, 247.8781

 1.0933, 2.2485,
2.4165

231.9987,

 0.0195, 0.7462,

276.1300, 299.8727

0.7954

279.4749,
330.2244, 358.6726

■ 0.0000, 0.0000,
0.0000

■ 38.9821, 51.1017,
55.3860

■ 38.9821, 51.1017,
55.3860

■ 35.9000, 49.5642,
52.9787

■ 42.6894, 52.9626,
57.8897

■ 33.4008, 48.3245,
50.6619

■ 47.0522, 55.1587,
60.4885

■ 31.4437, 47.3629,
48.4345

■ 52.1043, 57.7087,
63.1855

■ 29.9807, 46.6546,
46.2934

■ 57.8755, 60.6280,
65.9826

■ 28.9552, 46.1704,
44.2357

■ 64.3941, 63.9310,
68.8818

■ 28.2712, 45.8609,
42.2561

■ 71.6869, 67.6316,
71.8846

■ 28.2224, 45.8390,
42.1037

■ 75.3017, 69.4348,
74.7833

■ 75.8379, 69.6492,
77.6064

■ 76.3872, 69.8689,
80.4990

Harmonies

Analogous

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



40.2253, 51.1017, 41.9738



38.9821, 51.1017, 55.3860



40.1467, 51.1017, 71.4691

Triad

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



38.9821, 51.1017, 55.3860



53.8217, 51.1017, 85.4644



53.9873, 51.1017, 33.8977

Complementary

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



38.9821, 51.1017, 55.3860



36.8448, 29.1474, 28.4968

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.



58.0975, 51.1017, 42.3416



38.9821, 51.1017, 55.3860



57.9971, 51.1017, 71.9932

Square

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



38.9821, 51.1017, 55.3860



48.4815, 51.1017, 90.6570



59.6151, 51.1017, 55.8969



48.6599, 51.1017, 31.0497

Rectangle

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



38.9821, 51.1017, 55.3860



42.1843, 51.1017, 81.2220



59.6151, 51.1017, 55.8969



55.5710, 51.1017, 36.0889

Sweetspot

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



38.9836, 51.1037, 55.3872



83.7046, 94.2633, 103.3067



36.2737, 50.3351, 26.8733



17.6747, 20.0543, 21.9847



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.



38.9836, 51.1037, 55.3872



60.2034, 82.4544, 88.3635



35.8045, 41.8299, 63.3161



11.4434, 12.6871, 13.8921



17.7966, 28.8639, 26.6775



0.9432, 1.4991, 1.5084

Inverse Universe

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



36.8448, 29.1474, 28.4968



56.1936, 41.1373, 37.8355



38.9235, 35.0580, 23.7849



11.3025, 11.2498, 12.1278



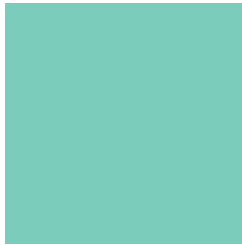
15.9502, 8.1907, 2.1905



0.8505, 0.4336, 0.2586

Previews

White Background



This preview shows how the XYZ color 38.9821, 51.1017, 55.3860 looks on a white background.

Color Contrast Check

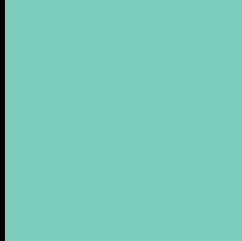
Large Text (above 18pt) WCAG AA × Fail

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 38.9821, 51.1017, 55.3860 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

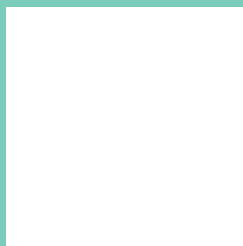
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9821, 51.1017, 55.3860

Background



This preview shows how black text looks on a background with the XYZ color 38.9821, 51.1017, 55.3860.



This preview shows how white text looks on a background with the XYZ color 38.9821, 51.1017,

55.3860.

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

38.9821, 51.1017, 55.3860

Protanopia

48.3680, 50.6904, 49.8828

Deuteranopia

51.7360, 50.6964, 57.5107



Tritanopia

42.4090, 51.0917, 72.5922

Trichromacy



Original Color

38.9821, 51.1017, 55.3860

Protanomaly

44.0975, 50.3960, 51.6592

Deuteranomaly

45.9393, 50.2533, 56.5688

Tritanomaly

40.9293, 50.8187, 66.0443

Monochromacy



Original Color

38.9821, 51.1017, 55.3860

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.3144, 46.1871, 51.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9821, 51.1017, 55.3860 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(124, 204, 188)` looks like.

```
.text, #text, p{  
    color:rgb(124, 204, 188)  
}
```

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(124, 204, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 204, 188) }
```

Border

The CSS property to change the border of an element to XYZ 38.9821, 51.1017, 55.3860 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(124, 204, 188) }
```


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

```
.border{ border-color:rgb(124, 204, 188) }
```

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

Here you see how a box with a 4 pixel rgb(124, 204, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 204, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 204, 188);  
box-shadow:4px 4px 4px 4px rgb(124, 204,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9821, 51.1017, 55.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 204, 188) }
```

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

```
.background{ background-color: rgb(124,  
204, 188) }
```

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