

Converting Colors

XYZ(38.2571, 51.4243, 55.0593)

Have a look what the booklet for
XYZ(38.2571, 51.4243, 55.0593)
contains.

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Color

**XYZ(38.2434, 51.4435,
54.9277)**

Conversions

Conversions Part 1

Format	Color
Hex	74CEBB
RGB	116, 206, 187
RGB Percent	45%, 81%, 73%
CMY	0.5451, 0.1921, 0.2667
CMYK	0.44, 0.00, 0.09, 0.19
HSL	167°, 48%, 63%
HSV	167°, 44%, 81%
XYZ	38.2434, 51.4435, 54.9277
YIQ	176.9240, -47.5410, -24.9890

Conversions

Conversions Part 2

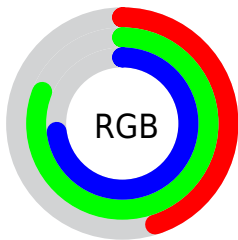
Format	Color
RYB	116, 166, 206
Decimal	7655099
CIELab	76.95, -31.51, 1.04
CIElCh	77, 31.523, 178.106
Yxy	51.4435, 0.2645, 0.3557
Android (android.graphics.Color)	4285845179 (0xFF74CEBB)
YUV	176.9240, 4.9675, -53.4303
Hunter-Lab	71.7241, -30.3408, 4.8015

Details

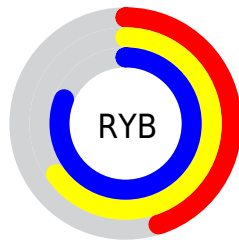
The XYZ color **38.2434, 51.4435, 54.9277** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **36.0739, 27.3632, 26.3038**, and the grayscale version is **41.7439, 43.9178, 47.8265**.

A 20% lighter version of the original color is **68.9509, 86.7617, 97.9066**, and **17.1733, 24.7843, 26.4330** is the 20% darker color. If you saturate the color by 10%, you get **35.3445, 50.0034, 52.3989**, and if you desaturate by 10%, it is **41.7665, 53.2064, 57.5615**.

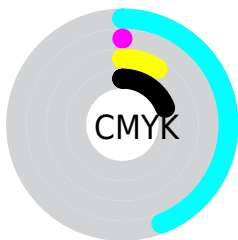
Distribution



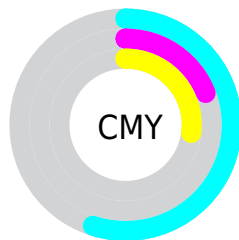
- Red (45%)
- Green (81%)
- Blue (73%)



- Red (45%)
- Yellow (65%)
- Blue (81%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)





- Cyan (55%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2434, 51.4435, 54.9277 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 38.2434, 51.4435, 54.9277 by changing the saturation by 10% instead.


 38.2434, 51.4435,
54.9277


 38.2434, 51.4435,
54.9277


329.9258,
392.2844, 422.9120


 26.3497, 36.5617,
38.9456


 71.7825, 92.3100,
98.9051

 17.2195, 24.8683,
26.4099


 94.1587, 119.0635,
127.7375

 10.4874, 15.9790,
16.9020


 120.7598,
150.5430, 161.6905

 5.7880, 9.5093,
10.0035

151.9511,
187.1329, 201.1825

 2.7560, 5.0748,
5.2956

188.0980,
229.2176, 246.6321

 1.0261, 2.2912,
2.3600

229.5658,

 0.0000, 0.7691,

277.1815, 298.4579

0.7645

276.7200,
331.4090, 357.0783

■ 0.0000, 0.0000,
0.0000

■ 38.2434, 51.4435,
54.9277

■ 38.2434, 51.4435,
54.9277

■ 35.3445, 50.0034,
52.3989

■ 41.7665, 53.2064,
57.5615

■ 33.0247, 48.8588,
49.9692

■ 45.9463, 55.3049,
60.2993

■ 31.2398, 47.9885,
47.6368


■ 50.8185, 57.7587,
63.1443


■ 29.9371, 47.3651,
45.3986


■ 56.4147, 60.5840,
66.0987


■ 29.0529, 46.9559,
43.2511


■ 62.7646, 63.7962,
69.1645

 28.6392, 46.7712,
41.9387

 69.8962, 67.4097,
72.3436

 75.8949, 70.4375,
75.5469

 76.4698, 70.6675,
78.5744

 77.0598, 70.9034,
81.6811

Harmonies

Analogous

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



39.7363, 51.4435, 40.3009



38.2434, 51.4435, 54.9277



39.4050, 51.4435, 73.0730

Triad

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



38.2434, 51.4435, 54.9277



54.5369, 51.4435, 90.5219



55.2507, 51.4435, 32.3750

Complementary

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



38.2434, 51.4435, 54.9277



36.0739, 27.3632, 26.3038

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.



59.7992, 51.4435, 41.8396



38.2434, 51.4435, 54.9277



59.3640, 51.4435, 75.3558

Square

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



38.2434, 51.4435, 54.9277



48.5150, 51.4435, 95.9707



61.3619, 51.4435, 57.1130



49.2780, 51.4435, 29.0459

Rectangle

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



38.2434, 51.4435, 54.9277



41.5862, 51.4435, 84.3972



61.3619, 51.4435, 57.1130



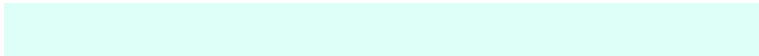
57.0147, 51.4435, 34.8349

Sweetspot

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



38.2449, 51.4455, 54.9289



82.7817, 93.8033, 102.5505



35.2976, 50.5982, 24.4299



17.3168, 19.8751, 21.7259



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.



38.2449, 51.4455, 54.9289



57.7085, 81.2331, 85.3138



34.7670, 41.0158, 64.4793



11.4379, 12.6849, 13.8633



17.6709, 28.8137, 26.0159



0.9377, 1.4969, 1.4795

Inverse Universe

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



36.0739, 27.3632, 26.3038



53.7857, 37.4923, 33.4236



38.2064, 33.5818, 20.9921



11.3076, 11.2518, 12.1546



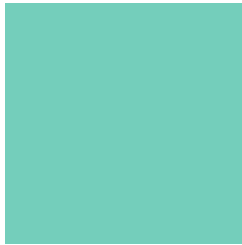
15.9768, 8.2013, 2.3307



0.8528, 0.4345, 0.2708

Previews

White Background



This preview shows how the XYZ color 38.2434, 51.4435, 54.9277 looks on a white background.

Color Contrast Check

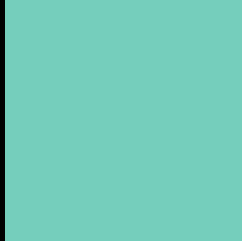
Large Text (above 18pt) WCAG AA × Fail

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 38.2434, 51.4435, 54.9277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

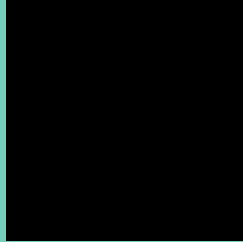
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

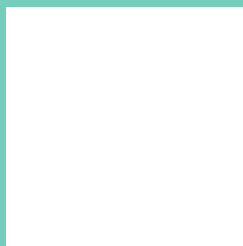
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.2434, 51.4435, 54.9277

Background



This preview shows how black text looks on a background with the XYZ color 38.2434, 51.4435, 54.9277.

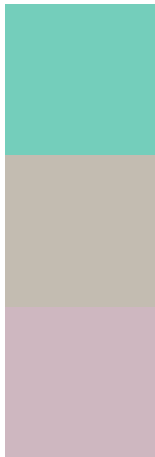


This preview shows how white text looks on a background with the XYZ color 38.2434, 51.4435,

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

38.2434, 51.4435, 54.9277

Protanopia

48.4247, 50.7429, 48.8371

Deuteranopia

51.9015, 50.7946, 56.9380



Tritanopia

42.0876, 51.5881, 74.0689

Trichromacy



Original Color

38.2434, 51.4435, 54.9277

Protanomaly

43.5815, 50.4734, 51.1614

Deuteranomaly

45.1586, 49.8635, 55.9597

Tritanomaly

40.5036, 51.2818, 66.7951

Monochromacy



Original Color

38.2434, 51.4435, 54.9277

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

39.8413, 46.2712, 50.5474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2434, 51.4435, 54.9277 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(116, 206, 187)` looks like.

```
.text, #text, p{  
    color:rgb(116, 206, 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(116, 206, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 206, 187) }
```

Border

The CSS property to change the border of an element to XYZ 38.2434, 51.4435, 54.9277 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(116, 206, 187) }
```


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

```
.border{ border-color:rgb(116, 206, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 206, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 206, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 206, 187);  
box-shadow:4px 4px 4px 4px rgb(116, 206,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2434, 51.4435, 54.9277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 206, 187) }
```

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

```
.background{ background-color: rgb(116,  
206, 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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