

Converting Colors

XYZ(39.2138, 52.3630, 52.2963)

Have a look what the booklet for
XYZ(39.2138, 52.3630, 52.2963)
contains.

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Color

**XYZ(39.2138, 52.3630,
52.2963)**

Conversions

Conversions Part 1

Format	Color
Hex	7DCFB6
RGB	125, 207, 182
RGB Percent	49%, 81%, 71%
CMY	0.5098, 0.1882, 0.2863
CMYK	0.40, 0.00, 0.12, 0.19
HSL	162°, 46%, 65%
HSV	162°, 40%, 81%
XYZ	39.2138, 52.3630, 52.2963
YIQ	179.6320, -40.8470, -25.1590

Conversions

Conversions Part 2

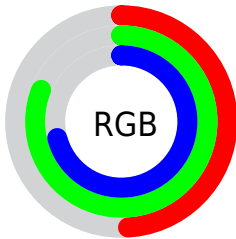
Format	Color
RYB	125, 173, 207
Decimal	8245174
CIELab	77.50, -30.78, 4.58
CIELCh	77, 31.121, 171.546
Yxy	52.3630, 0.2726, 0.3640
Android (android.graphics.Color)	4286435254 (0xFF7DCFB6)
YUV	179.6320, 1.1674, -47.9123
Hunter-Lab	72.3623, -29.9032, 7.8047

Details

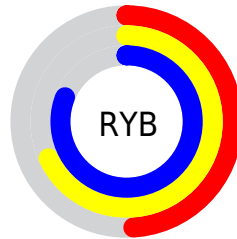
The XYZ color **39.2138, 52.3630, 52.2963** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **38.5726, 30.1361, 32.6401**, and the grayscale version is **43.1960, 45.4456, 49.4902**.

A 20% lighter version of the original color is **70.2487, 87.5168, 94.0789**, and **17.7165, 25.3435, 24.7269** is the 20% darker color. If you saturate the color by 10%, you get **35.8637, 50.7110, 48.8117**, and if you desaturate by 10%, it is **43.2260, 54.3556, 55.9676**.

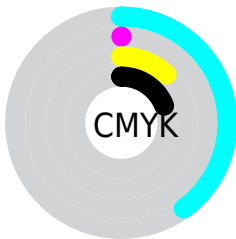
Distribution



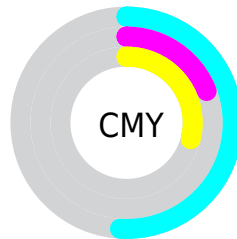
- Red (49%)
- Green (81%)
- Blue (71%)



- Red (49%)
- Yellow (68%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (12%)
- Black (19%)





- Cyan (51%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2138, 52.3630, 52.2963 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 39.2138, 52.3630, 52.2963 by changing the saturation by 10% instead.


 39.2138, 52.3630,
52.2963


 39.2138, 52.3630,
52.2963


333.9902,
395.8364, 412.5689


 27.1076, 37.2945,
36.8574


 73.2568, 93.6664,
94.9991

 17.7910, 25.4356,
24.8022


 95.9243, 120.6700,
123.1001

 10.8988, 16.4019,
15.7121


 122.8429,
152.4208, 156.2589

 6.0656, 9.8090,
9.1685

154.3779,
189.3032, 194.8941

 2.9261, 5.2725,
4.7529

190.8949,
231.7016, 239.4241

 1.1148, 2.4080,
2.0469

232.7590,

 0.0374, 0.8300,

280.0003, 290.2676

0.5839

280.3356,
334.5838, 347.8430

■ 0.0000, 0.0000,
0.0000

■ 39.2138, 52.3630,
52.2963

■ 39.2138, 52.3630,
52.2963

■ 35.8637, 50.7110,
48.8117

■ 43.2260, 54.3556,
55.9676

■ 33.1314, 49.3728,
45.5064

■ 47.9323, 56.7013,
59.8257

■ 30.9742, 48.3277,
42.3775

■ 53.3678, 59.4194,
63.8754

■ 29.3418, 47.5499,
39.4205

■ 59.5640, 62.5261,
68.1199

■ 28.1746, 47.0087,
36.6306

■ 66.5504, 66.0367,
72.5625

■ 27.3679, 46.6503,
34.0006

■ 74.3550, 69.9654,
77.2063

■ 27.3392, 46.6377,
33.9019

■ 77.3063, 71.3885,
81.7877

■ 78.1895, 71.7418,
86.4389

■ 79.1050, 72.1080,
91.2598

Harmonies

Analogous

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



41.2753, 52.3630, 38.8460



39.2138, 52.3630, 52.2963



39.7971, 52.3630, 70.0213

Triad

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



39.2138, 52.3630, 52.2963



54.1250, 52.3630, 93.5729



57.2896, 52.3630, 34.8680

Complementary

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



39.2138, 52.3630, 52.2963



38.5726, 30.1361, 32.6401

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.



61.2824, 52.3630, 45.7271



39.2138, 52.3630, 52.2963



59.3556, 52.3630, 80.1136

Square

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



39.2138, 52.3630, 52.2963



48.0936, 52.3630, 96.3103



62.0674, 52.3630, 62.0081



51.4839, 52.3630, 30.1925

Rectangle

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



39.2138, 52.3630, 52.2963



41.6293, 52.3630, 81.8381



62.0674, 52.3630, 62.0081



58.9070, 52.3630, 37.7988

Sweetspot

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



39.2153, 52.3651, 52.2975



83.2085, 94.0649, 100.6943



38.7725, 52.6846, 27.5286



17.5575, 20.0074, 21.3675



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.



39.2153, 52.3651, 52.2975



57.9829, 81.5193, 78.7893



38.5639, 46.5516, 65.9867



11.9985, 13.3431, 14.3483



17.2681, 29.4002, 21.5898



1.0000, 1.6577, 1.3886

Inverse Universe

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



38.5726, 30.1361, 32.6401



56.8210, 40.8250, 42.8756



38.8184, 33.5135, 23.8258



11.9550, 11.8667, 13.0389



16.8169, 8.5996, 3.9420



0.9756, 0.4949, 0.4062

Previews

White Background



This preview shows how the XYZ color 39.2138, 52.3630, 52.2963 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 39.2138, 52.3630, 52.2963 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

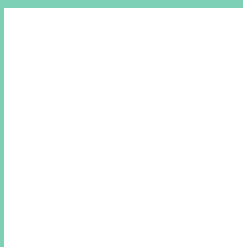
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2138, 52.3630, 52.2963

Background



This preview shows how black text looks on a background with the XYZ color 39.2138, 52.3630, 52.2963.

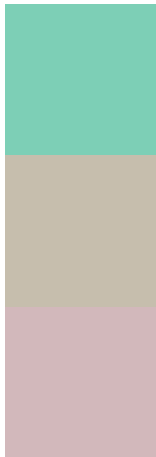


This preview shows how white text looks on a background with the XYZ color 39.2138, 52.3630,

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

39.2138, 52.3630, 52.2963

Protanopia

49.2450, 51.8498, 46.9477

Deuteranopia

52.6885, 51.5705, 54.1908



Tritanopia

43.6069, 52.3713, 74.1400

Trichromacy



Original Color

39.2138, 52.3630, 52.2963

Protanomaly

44.3710, 51.2724, 48.6323

Deuteranomaly

46.1970, 50.7858, 53.2667

Tritanomaly

41.9724, 52.4188, 65.6633

Monochromacy



Original Color

39.2138, 52.3630, 52.2963

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.2511, 47.6367, 50.7367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2138, 52.3630, 52.2963 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(125, 207, 182)` looks like.

```
.text, #text, p{  
    color:rgb(125, 207, 182)  
}
```

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(125, 207, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 207, 182) }
```

Border

The CSS property to change the border of an element to XYZ 39.2138, 52.3630, 52.2963 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(125, 207, 182) }
```


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

```
.border{ border-color:rgb(125, 207, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 207, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 207, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 207, 182);  
box-shadow:4px 4px 4px 4px rgb(125, 207,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2138, 52.3630, 52.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 207, 182) }
```

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

```
.background{ background-color: rgb(125,  
207, 182) }
```

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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