

Converting Colors

XYZ(39.1453, 58.6593, 56.5970)

Have a look what the booklet for
XYZ(39.1453, 58.6593, 56.5970)
contains.

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Color

**XYZ(39.2124, 58.7360,
56.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	52E0BC
RGB	82, 224, 188
RGB Percent	32%, 88%, 74%
CMY	0.6784, 0.1216, 0.2627
CMYK	0.63, 0.00, 0.16, 0.12
HSL	165°, 70%, 60%
HSV	165°, 63%, 88%
XYZ	39.2124, 58.7360, 56.8474
YIQ	177.4380, -73.0760, -41.3000

Conversions

Conversions Part 2

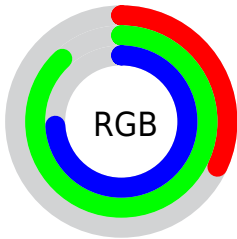
Format	Color
R_{YB}	82, 163, 224
Decimal	5431484
CIE _{Lab}	81.15, -46.52, 6.45
CIE _{LCh}	81, 46.960, 172.107
Yxy	58.7360, 0.2533, 0.3794
Android (android.graphics.Color)	4283621564 (0xFF52E0BC)
YUV	177.4380, 5.2071, -83.6991
Hunter-Lab	76.6394, -42.7898, 9.6691

Details

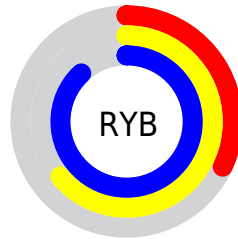
The XYZ color **39.2124, 58.7360, 56.8474** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **37.0297, 23.1914, 19.6663**, and the grayscale version is **42.0228, 44.2113, 48.1461**.

A 20% lighter version of the original color is **63.7662, 84.0714, 98.4545**, and **18.3758, 29.7545, 27.6964** is the 20% darker color. If you saturate the color by 10%, you get **36.9732, 57.6525, 53.6102**, and if you desaturate by 10%, it is **42.1145, 60.1614, 60.2440**.

Distribution



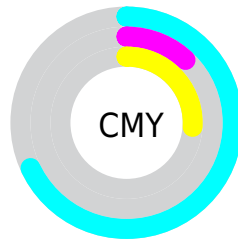
- Red (32%)
- Green (88%)
- Blue (74%)



- Red (32%)
- Yellow (64%)
- Blue (88%)



- Cyan (63%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)





- Cyan (68%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2124, 58.7360, 56.8474 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 39.2124, 58.7360, 56.8474 by changing the saturation by 10% instead.


 39.2124, 58.7360,
56.8474


 39.2124, 58.7360,
56.8474


333.9843,
419.9229, 430.3550


 27.1065, 42.4006,
40.4742


 73.2547, 102.9939,
101.7406


 17.7902, 29.4151,
27.5919


 95.9217, 131.6852,
131.0977

 10.8982, 19.3951,
17.7819


 122.8399,
165.2639, 165.6198

 6.0652, 11.9561,
10.6257

 154.3745,
204.1145, 205.7255

 2.9258, 6.7138,
5.7047

190.8908,
248.6212, 251.8334

 1.1147, 3.2838,
2.6005

232.7544,

 0.0373, 1.2816,

299.1686, 304.3618

0.8927

280.3304,
356.1411, 363.7295

■ 0.0000, 0.1269,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.2124, 58.7360,
56.8474

■ 39.2124, 58.7360,
56.8474

■ 36.9732, 57.6525,
53.6102

■ 42.1145, 60.1614,
60.2440

■ 35.3272, 56.8705,
50.5239


■ 45.7308, 61.9507,
63.7999


■ 34.1977, 56.3521,
47.5846


■ 50.1129, 64.1320,
67.5202


■ 33.6512, 56.1112,
45.7183


■ 55.3063, 66.7286,
71.4085

 61.3527, 69.7620,
75.4679

 68.2912, 73.2524,
79.7017

 76.1581, 77.2185,
84.1128

 82.6671, 80.4815,
88.5955

 83.4938, 80.8122,
92.9487

Harmonies

Analogous

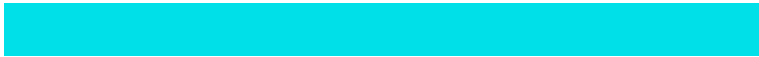
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.2775, 58.7360, 36.2779



39.2124, 58.7360, 56.8474



40.1706, 58.7360, 86.4085

Triad

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



39.2124, 58.7360, 56.8474



63.1979, 58.7360, 127.8570



68.1757, 58.7360, 30.2029

Complementary

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



39.2124, 58.7360, 56.8474



37.0297, 23.1914, 19.6663

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.



75.0992, 58.7360, 45.7706



39.2124, 58.7360, 56.8474



71.9997, 58.7360, 103.0075

Square

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



39.2124, 58.7360, 56.8474



53.2870, 58.7360, 133.4025



76.5746, 58.7360, 71.6284



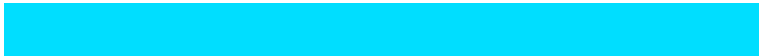
58.4460, 58.7360, 24.0988

Rectangle

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



39.2124, 58.7360, 56.8474



43.0194, 58.7360, 107.2272



76.5746, 58.7360, 71.6284



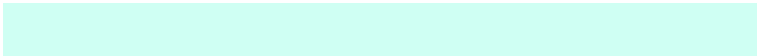
70.9530, 58.7360, 34.2409

Sweetspot

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



39.2140, 58.7383, 56.8488



77.5014, 91.1746, 98.0831



35.9077, 57.9065, 17.2681



16.1041, 19.2723, 20.6611



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.



39.2140, 58.7383, 56.8488



48.8209, 76.9681, 70.5895



35.5377, 44.3813, 77.2171



13.9603, 15.5099, 16.8264



19.6354, 32.6790, 26.8666



1.3964, 2.2793, 2.0487

Inverse Universe

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



37.0297, 23.1914, 19.6663



45.7522, 25.7520, 17.4070



38.4113, 28.7501, 11.5084



13.8491, 13.7573, 14.9756



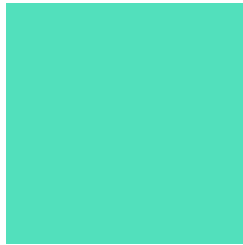
18.3594, 9.4107, 3.2922



1.3084, 0.6666, 0.4167

Previews

White Background



This preview shows how the XYZ color 39.2124, 58.7360, 56.8474 looks on a white background.

Color Contrast Check

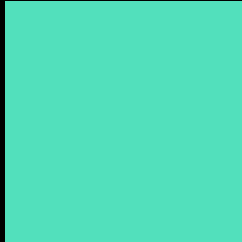
Large Text (above 18pt) WCAG AA × Fail

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 39.2124, 58.7360, 56.8474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

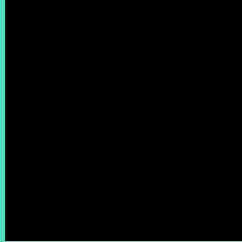
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

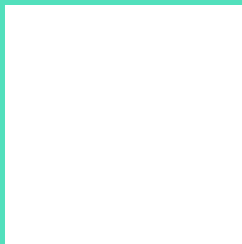
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2124, 58.7360, 56.8474

Background



This preview shows how black text looks on a background with the XYZ color 39.2124, 58.7360, 56.8474.

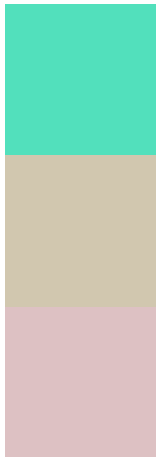


This preview shows how white text looks on a background with the XYZ color 39.2124, 58.7360,

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

39.2124, 58.7360, 56.8474

Protanopia

54.4558, 57.4973, 48.7854

Deuteranopia

58.7391, 57.4522, 59.6233



Tritanopia

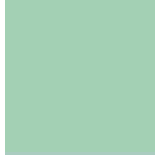
45.1751, 58.3906, 87.4868

Trichromacy



Original Color

39.2124, 58.7360, 56.8474



Protanomaly

45.8984, 56.1936, 51.6074



Deuteranomaly

47.6849, 55.5376, 58.0757



Tritanomaly

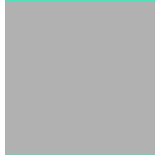
42.8642, 58.6280, 75.3868

Monochromacy



Original Color

39.2124, 58.7360, 56.8474



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

38.7876, 47.6706, 50.8731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2124, 58.7360, 56.8474 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(82, 224, 188)` looks like.

```
.text, #text, p{  
    color:rgb(82, 224, 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(82, 224, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 224, 188) }
```

Border

The CSS property to change the border of an element to XYZ 39.2124, 58.7360, 56.8474 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(82, 224, 188) }
```


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

```
.border{ border-color:rgb(82, 224, 188) }
```

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

Here you see how a box with a 4 pixel rgb(82, 224, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 224, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 224, 188);  
box-shadow:4px 4px 4px 4px rgb(82, 224,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2124, 58.7360, 56.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 224, 188) }
```

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

```
.background{ background-color: rgb(82, 224,  
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](#).

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