

Converting Colors

XYZ(36.7399, 58.3252, 54.1212)

Have a look what the booklet for
XYZ(36.7399, 58.3252, 54.1212)
contains.

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Color

**XYZ(36.7399, 58.3252,
54.1212)**

Conversions

Conversions Part 1

Format	Color
Hex	2BE2B7
RGB	43, 226, 183
RGB Percent	17%, 89%, 72%
CMY	0.8313, 0.1137, 0.2823
CMYK	0.81, 0.00, 0.19, 0.11
HSL	166°, 76%, 53%
HSV	166°, 81%, 89%
XYZ	36.7399, 58.3252, 54.1212
YIQ	166.3810, -95.2650, -52.1690

Conversions

Conversions Part 2

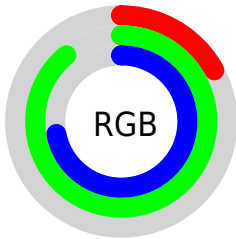
Format	Color
RYB	43, 147, 226
Decimal	2876087
CIELab	80.92, -53.53, 8.67
CIELCh	81, 54.229, 170.796
Yxy	58.3252, 0.2463, 0.3910
Android (android.graphics.Color)	4281066167 (0xFF2BE2B7)
YUV	166.3810, 8.1932, -108.2051
Hunter-Lab	76.3709, -47.7778, 11.4431

Details

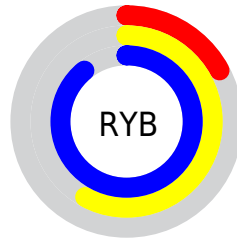
The XYZ color **36.7399, 58.3252, 54.1212** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **33.9097, 18.5701, 10.6042**, and the grayscale version is **36.4269, 38.3240, 41.7348**.

A 20% lighter version of the original color is **59.2251, 81.8169, 94.3321**, and **18.2172, 29.9876, 25.9471** is the 20% darker color. If you saturate the color by 10%, you get **35.4991, 57.7497, 51.2327**, and if you desaturate by 10%, it is **38.5289, 59.1838, 57.1468**.

Distribution



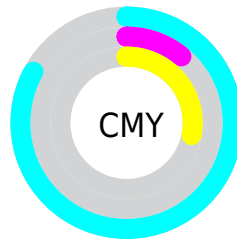
- Red (17%)
- Green (89%)
- Blue (72%)



- Red (17%)
- Yellow (58%)
- Blue (89%)



- Cyan (81%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)





- Cyan (83%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7399, 58.3252, 54.1212 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 36.7399, 58.3252, 54.1212 by changing the saturation by 10% instead.


 36.7399, 58.3252,
54.1212


 36.7399, 58.3252,
54.1212


323.5582,
418.3966, 419.7597


 25.1789, 42.0701,
38.3047


 69.4890, 102.3963,
97.7104


 16.3398, 29.1562,
25.9156


 91.4078, 130.9811,
126.3202


 9.8573, 19.1990,
16.5353


 117.5100,
164.4446, 160.0315

 5.3660, 11.8142,
9.7453

 148.1608,
203.1712, 199.2628

 2.5005, 6.6173,
5.1270

 183.7257,
247.5453, 244.4328

 0.8955, 3.2239,
2.2619

224.5700,

 0.0000, 1.2497,

297.9513, 295.9599

0.7098

271.0590,
354.7736, 354.2627

■ 0.0000, 0.1018,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 36.7399, 58.3252,
54.1212

■ 36.7399, 58.3252,
54.1212

■ 35.4991, 57.7497,
51.2327


■ 38.5289, 59.1838,
57.1468


■ 34.7299, 57.4077,
48.7319


■ 40.9374, 60.3579,
60.3102


■ 44.0306, 61.8825,
63.6169


■ 47.8642, 63.7863,
67.0705

 52.4880, 66.0950,
70.6746

 57.9474, 68.8319,
74.4324

 64.2843, 72.0187,
78.3469

 71.5379, 75.6754,
82.4209

 79.7448, 79.8209,
86.6574

Harmonies

Analogous

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



40.3338, 58.3252, 31.8941



36.7399, 58.3252, 54.1212



37.6044, 58.3252, 88.0839

Triad

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



36.7399, 58.3252, 54.1212



63.4598, 58.3252, 140.6146



70.2324, 58.3252, 26.6342

Complementary

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



36.7399, 58.3252, 54.1212



33.9097, 18.5701, 10.6042

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.



78.1666, 58.3252, 43.9870



36.7399, 58.3252, 54.1212



73.9044, 58.3252, 111.1512

Square

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



36.7399, 58.3252, 54.1212



52.0544, 58.3252, 146.1768



79.5942, 58.3252, 73.9179



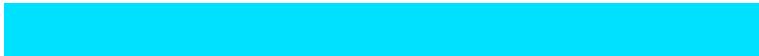
58.9617, 58.3252, 19.9380

Rectangle

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



36.7399, 58.3252, 54.1212



40.6464, 58.3252, 113.0730



79.5942, 58.3252, 73.9179



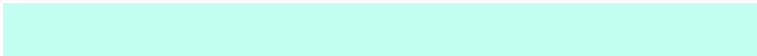
73.4384, 58.3252, 31.0700

Sweetspot

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



36.7415, 58.3275, 54.1226



73.7771, 89.2910, 96.2670



31.7304, 56.6811, 11.5549



15.2403, 18.8357, 20.2258



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.



36.7415, 58.3275, 54.1226



45.9194, 75.5948, 64.9190



31.0976, 38.7509, 77.7947



13.9716, 15.5144, 16.8857



19.8608, 32.7692, 28.0537



1.4104, 2.2849, 2.1223

Inverse Universe

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



33.9097, 18.5701, 10.6042



42.2998, 21.8168, 7.1012



35.3538, 23.4487, 4.9494



13.8386, 13.7531, 14.9201



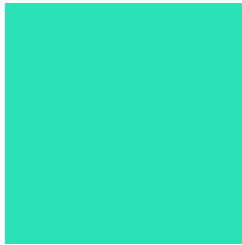
18.2995, 9.3868, 2.9771



1.3029, 0.6644, 0.3880

Previews

White Background



This preview shows how the XYZ color 36.7399, 58.3252, 54.1212 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 36.7399, 58.3252, 54.1212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

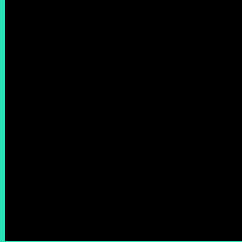
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

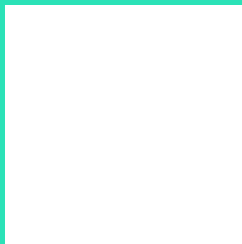
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.7399, 58.3252, 54.1212

Background



This preview shows how black text looks on a background with the XYZ color 36.7399, 58.3252, 54.1212.

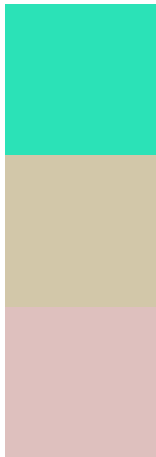


This preview shows how white text looks on a background with the XYZ color 36.7399, 58.3252,

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

36.7399, 58.3252, 54.1212

Protanopia

54.1632, 57.4131, 45.7632

Deuteranopia

58.2681, 56.9466, 56.6359



Tritanopia

43.6137, 58.3389, 88.3187

Trichromacy



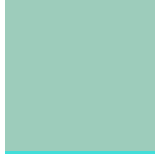
Original Color

36.7399, 58.3252, 54.1212



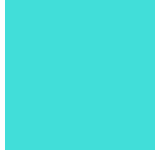
Protanomaly

42.8349, 55.0465, 48.4118



Deuteranomaly

44.4671, 53.9417, 55.0818



Tritanomaly

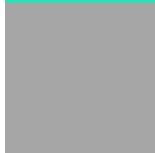
40.8256, 58.3761, 74.7616

Monochromacy



Original Color

36.7399, 58.3252, 54.1212



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

33.3148, 43.0099, 45.5756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7399, 58.3252, 54.1212 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(43, 226, 183)` looks like.

```
.text, #text, p{  
    color:rgb(43, 226, 183)  
}
```

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(43, 226, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 226, 183) }
```

Border

The CSS property to change the border of an element to XYZ 36.7399, 58.3252, 54.1212 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(43, 226, 183) }
```


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

```
.border{ border-color:rgb(43, 226, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 226, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 226, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 226, 183);  
box-shadow:4px 4px 4px 4px rgb(43, 226,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7399, 58.3252, 54.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 226, 183) }
```

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

```
.background{ background-color: rgb(43, 226,  
183) }
```

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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