

Converting Colors

XYZ(34.0958, 52.5999, 38.9276)

Have a look what the booklet for
XYZ(34.0958, 52.5999, 38.9276)
contains.

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Color

**XYZ(34.0958, 52.5999,
38.9276)**

Conversions

Conversions Part 1

Format	Color
Hex	5AD69A
RGB	90, 214, 154
RGB Percent	35%, 84%, 60%
CMY	0.6470, 0.1608, 0.3961
CMYK	0.58, 0.00, 0.28, 0.16
HSL	151°, 60%, 60%
HSV	151°, 58%, 84%
XYZ	34.0958, 52.5999, 38.9276
YIQ	170.0840, -54.6440, -44.9480

Conversions

Conversions Part 2

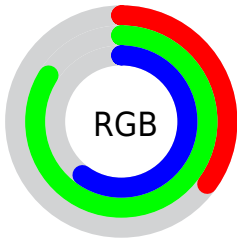
Format	Color
RYB	90, 172, 214
Decimal	5953178
CIELab	77.64, -48.34, 19.50
CIELCh	78, 52.127, 158.036
Yxy	52.5999, 0.2714, 0.4187
Android (android.graphics.Color)	4284143258 (0xFF5AD69A)
YUV	170.0840, -7.9294, -70.2337
Hunter-Lab	72.5258, -43.0038, 18.9446

Details

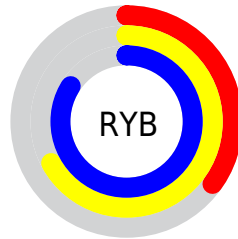
The XYZ color **34.0958, 52.5999, 38.9276** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **36.8945, 23.8118, 31.5079**, and the grayscale version is **38.3094, 40.3045, 43.8916**.

A 20% lighter version of the original color is **59.6630, 82.5130, 73.1036**, and **14.7752, 25.4846, 16.9723** is the 20% darker color. If you saturate the color by 10%, you get **31.4808, 51.3486, 34.4963**, and if you desaturate by 10%, it is **37.3871, 54.1941, 43.7814**.

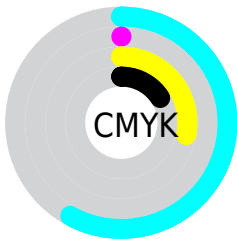
Distribution



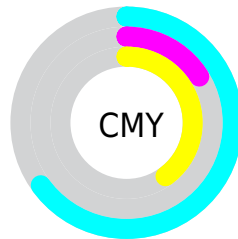
- Red (35%)
- Green (84%)
- Blue (60%)



- Red (35%)
- Yellow (67%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (28%)
- Black (16%)





- Cyan (65%)
- Magenta (16%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0958, 52.5999, 38.9276 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 34.0958, 52.5999, 38.9276 by changing the saturation by 10% instead.


 34.0958, 52.5999,
38.9276


 34.0958, 52.5999,
38.9276


312.1374,
396.7482, 356.9993


 23.1304, 37.4835,
26.3960


 65.4259, 94.0154,
74.7468


 14.8111, 25.5820,
16.8917


 86.5214, 121.0832,
98.8715

 8.7724, 16.5112,
9.9962


 111.7243,
152.9036, 127.6977

 4.6489, 9.8866,
5.2908

 141.3999,
189.8610, 161.6439

 2.0754, 5.3239,
2.3572

175.9137,
232.3397, 201.1286

 0.6758, 2.4385,
0.7630

215.6310,

 0.0000, 0.8456,

280.7243, 246.5704

0.0000

260.9171,
335.3990, 298.3878

■ 0.0000, 0.0000,
0.0000

■ 34.0958, 52.5999,
38.9276

■ 34.0958, 52.5999,
38.9276

■ 31.4808, 51.3486,
34.4963

■ 37.3871, 54.1941,
43.7814

■ 29.4830, 50.4057,
30.4714

■ 41.3991, 56.1495,
49.0656

■ 28.0396, 49.7405,
26.8410

■ 46.1770, 58.4908,
54.7926

■ 27.0597, 49.3063,
23.5902

■ 51.7611, 61.2385,
60.9731

■ 26.8866, 49.2307,
22.9663

■ 58.1885, 64.4115,
67.6173

■ 65.4944, 68.0279,
74.7352

■ 73.7116, 72.1042,
82.3364

■ 80.5508, 75.4604,
90.3214

■ 82.1069, 76.0828,
98.5153

Harmonies

Analogous

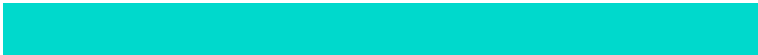
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.9839, 52.5999, 23.7477



34.0958, 52.5999, 38.9276



33.1625, 52.5999, 65.3826

Triad

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



34.0958, 52.5999, 38.9276



52.7516, 52.5999, 131.6375



66.8561, 52.5999, 29.4399

Complementary

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



34.0958, 52.5999, 38.9276



36.8945, 23.8118, 31.5079

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.



71.7325, 52.5999, 49.8622



34.0958, 52.5999, 38.9276



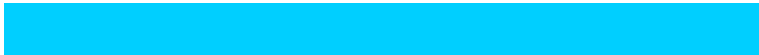
62.9049, 52.5999, 113.0208

Square

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



34.0958, 52.5999, 38.9276



43.0938, 52.5999, 125.6658



70.1970, 52.5999, 80.6288



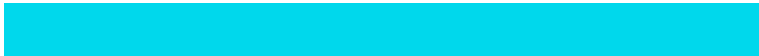
57.5955, 52.5999, 19.6913

Rectangle

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



34.0958, 52.5999, 38.9276



34.7720, 52.5999, 87.5046



70.1970, 52.5999, 80.6288



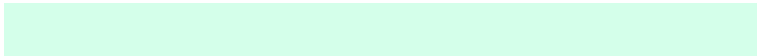
69.1154, 52.5999, 34.9544

Sweetspot

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



34.0972, 52.6020, 38.9288



77.6653, 91.4070, 91.4096



38.8427, 55.5090, 18.3407



16.2374, 19.3745, 19.1521



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.



34.0972, 52.6020, 38.9288



45.9068, 75.9276, 49.5886



40.4024, 55.1241, 72.1314



12.5273, 14.0019, 14.5913



16.3034, 29.7767, 14.1595



1.0251, 1.8127, 1.0739

Inverse Universe

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



36.8945, 23.8118, 31.5079



50.4585, 29.1379, 37.5556



33.2347, 22.3479, 12.2355



12.6711, 12.5199, 14.2082



18.3106, 9.2606, 8.9397



1.1461, 0.5752, 0.7589

Previews

White Background



This preview shows how the XYZ color 34.0958, 52.5999, 38.9276 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 34.0958, 52.5999, 38.9276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

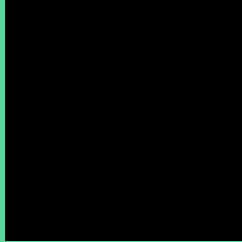
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0958, 52.5999, 38.9276

Background



This preview shows how black text looks on a background with the XYZ color 34.0958, 52.5999, 38.9276.



This preview shows how white text looks on a background with the XYZ color 34.0958, 52.5999,

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

34.0958, 52.5999, 38.9276

Protanopia

48.2732, 51.6475, 33.4113

Deuteranopia

52.5799, 51.5003, 40.8875



Tritanopia

41.5717, 52.3161, 77.0142

Trichromacy



Original Color

34.0958, 52.5999, 38.9276



Protanomaly

40.7941, 50.7400, 35.2475



Deuteranomaly

42.4766, 49.8229, 39.7258



Tritanomaly

38.2274, 52.0265, 60.8507

Monochromacy



Original Color

34.0958, 52.5999, 38.9276



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

35.2443, 43.4609, 41.6532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0958, 52.5999, 38.9276 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(90, 214, 154)` looks like.

```
.text, #text, p{  
    color:rgb(90, 214, 154)  
}
```

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(90, 214, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 214, 154) }
```

Border

The CSS property to change the border of an element to XYZ 34.0958, 52.5999, 38.9276 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(90, 214, 154) }
```


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

```
.border{ border-color:rgb(90, 214, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 214, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 214, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 214, 154);  
box-shadow:4px 4px 4px 4px rgb(90, 214,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0958, 52.5999, 38.9276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 214, 154) }
```

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

```
.background{ background-color: rgb(90, 214,  
154) }
```

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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