

Converting Colors

XYZ(34.6435, 54.4153, 52.3676)

Have a look what the booklet for
XYZ(34.6435, 54.4153, 52.3676)
contains.

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Color

**XYZ(34.7107, 54.5347,
52.4129)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2CDDB5 |
| RGB | 44, 219, 181 |
| RGB Percent | 17%, 86%, 71% |
| CMY | 0.8274, 0.1412, 0.2902 |
| CMYK | 0.80, 0.00, 0.17, 0.14 |
| HSL | 167°, 71%, 52% |
| HSV | 167°, 80%, 86% |
| XYZ | 34.7107, 54.5347, 52.4129 |
| YIQ | 162.3430, -92.1020, -48.9180 |

Conversions

Conversions Part 2

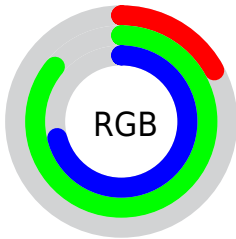
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 44, 142, 219 |
| Decimal | 2939829 |
| CIELab | 78.77, -51.11, 6.66 |
| CIELCh | 79, 51.542, 172.579 |
| Yxy | 54.5347, 0.2450, 0.3850 |
| Android (android.graphics.Color) | 4281129909 (0xFF2CDBB5) |
| YUV | 162.3430, 9.1979, -103.7868 |
| Hunter-Lab | 73.8476, -45.3327, 9.6126 |

Details

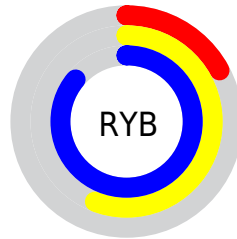
The XYZ color **34.7107, 54.5347, 52.4129** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **31.6389, 17.4721, 9.6898**, and the grayscale version is **34.4946, 36.2911, 39.5210**.

A 20% lighter version of the original color is **58.7918, 81.6275, 92.7778**, and **16.9935, 27.7529, 24.8833** is the 20% darker color. If you saturate the color by 10%, you get **33.5266, 53.9810, 49.8544**, and if you desaturate by 10%, it is **36.4103, 55.3549, 55.0850**.

Distribution



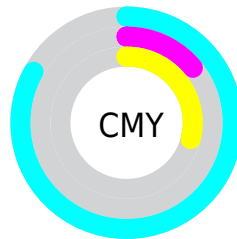
- Red (17%)
- Green (86%)
- Blue (71%)



- Red (17%)
- Yellow (56%)
- Blue (86%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (14%)





- Cyan (83%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7107, 54.5347, 52.4129 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 34.7107, 54.5347, 52.4129 by changing the saturation by 10% instead.


 34.7107, 54.5347,
52.4129


 34.7107, 54.5347,
52.4129


314.8200,
404.1457, 413.0308


 23.6056, 39.0293,
36.9498


 66.3743, 96.8589,
95.1727


 15.1644, 26.7825,
24.8731


 87.6636, 124.4465,
123.3064


 9.0219, 17.4100,
15.7644


 113.0782,
156.8302, 156.5008

 4.8127, 10.5272,
9.2050

 142.9836,
194.3946, 195.1743

 2.1714, 5.7499,
4.7765

 177.7451,
237.5239, 239.7455

 0.7276, 2.6936,
2.0603

217.7281,

 0.0000, 0.9739,

286.6026, 290.6330

0.5920

263.2979,
342.0151, 348.2552

■ 0.0000, 0.0000,
0.0000

■ 34.7107, 54.5347,
52.4129

■ 34.7107, 54.5347,
52.4129

■ 33.5266, 53.9810,
49.8544

■ 36.4103, 55.3549,
55.0850

■ 32.7325, 53.6252,
47.3990

■ 38.6895, 56.4705,
57.8708

■ 32.7256, 53.6221,
47.3760

■ 41.6077, 57.9137,
60.7751

■ 45.2157, 59.7104,
63.8013

■ 49.5591, 61.8842,
66.9521

■ 54.6794, 64.4566,
70.2303

■ 60.6152, 67.4474,
73.6386

■ 67.4024, 70.8749,
77.1793

■ 75.0746, 74.7567,
80.8549

Harmonies

Analogous

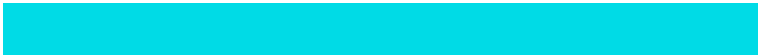
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.7609, 54.5347, 31.3606



34.7107, 54.5347, 52.4129



35.7461, 54.5347, 83.6716

Triad

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



34.7107, 54.5347, 52.4129



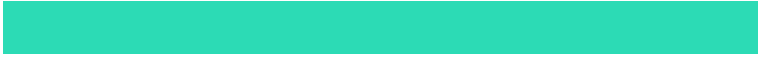
59.7375, 54.5347, 127.8406



64.6936, 54.5347, 24.9993

Complementary

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



34.7107, 54.5347, 52.4129



31.6389, 17.4721, 9.6898

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.



72.1422, 54.5347, 40.3122



34.7107, 54.5347, 52.4129



69.0290, 54.5347, 100.4872

Square

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



34.7107, 54.5347, 52.4129



49.3405, 54.5347, 134.3438



73.8249, 54.5347, 66.9365



54.4093, 54.5347, 19.2710

Rectangle

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



34.7107, 54.5347, 52.4129



38.6871, 54.5347, 106.0884



73.8249, 54.5347, 66.9365



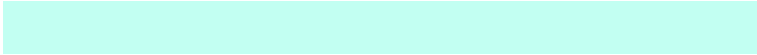
67.6645, 54.5347, 28.8975

Sweetspot

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



34.7122, 54.5368, 52.4142



73.9403, 89.3563, 97.1265



29.5192, 52.7707, 11.0138



15.2799, 18.8515, 20.4347



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.



34.7122, 54.5368, 52.4142



46.5293, 75.8425, 67.9641



28.6428, 35.2844, 72.3212



13.3175, 14.7786, 16.1348



19.4462, 31.8111, 28.3127



1.2905, 2.0731, 1.9958

Inverse Universe

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



31.6389, 17.4721, 9.6898



42.2580, 21.8444, 6.7448



33.3826, 22.6692, 4.9999



13.1712, 13.0976, 14.1628



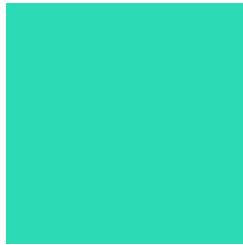
17.6665, 9.0676, 2.6238



1.1768, 0.6004, 0.3401

Previews

White Background



This preview shows how the XYZ color 34.7107, 54.5347, 52.4129 looks on a white background.

Color Contrast Check

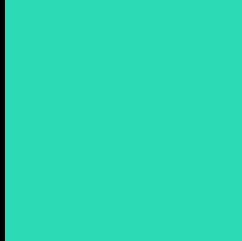
Large Text (above 18pt) WCAG AA × Fail

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 34.7107, 54.5347, 52.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

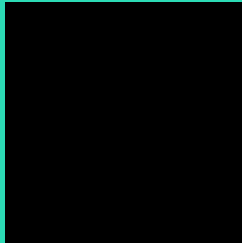
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

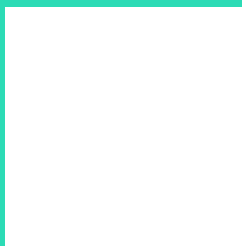
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7107, 54.5347, 52.4129

Background



This preview shows how black text looks on a background with the XYZ color 34.7107, 54.5347, 52.4129.



This preview shows how white text looks on a background with the XYZ color 34.7107, 54.5347,

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

34.7107, 54.5347, 52.4129

Protanopia

50.6736, 53.6265, 44.2394

Deuteranopia

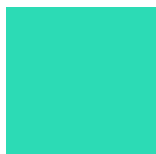
54.5790, 53.4676, 55.0206



Tritanopia

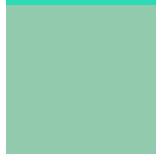
40.7281, 54.2960, 83.1965

Trichromacy



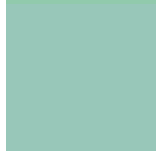
Original Color

34.7107, 54.5347, 52.4129



Protanomaly

40.2440, 51.2394, 46.7988



Deuteranomaly

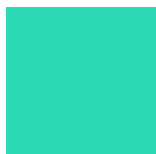
42.1293, 51.0250, 53.5273



Tritanomaly

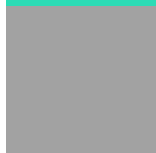
38.2985, 54.4443, 70.7776

Monochromacy



Original Color

34.7107, 54.5347, 52.4129



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

31.7027, 40.6535, 43.7121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7107, 54.5347, 52.4129 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(44, 219, 181)` looks like.

```
.text, #text, p{  
    color:rgb(44, 219, 181)  
}
```

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(44, 219, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 219, 181) }
```

Border

The CSS property to change the border of an element to XYZ 34.7107, 54.5347, 52.4129 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(44, 219, 181) }
```


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

```
.border{ border-color:rgb(44, 219, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 219, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 219, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 219, 181);  
box-shadow:4px 4px 4px 4px rgb(44, 219,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7107, 54.5347, 52.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 219, 181) }
```

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

```
.background{ background-color: rgb(44, 219,  
181) }
```

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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