

Converting Colors

XYZ(35.4526, 57.3430, 48.8682)

Have a look what the booklet for
XYZ(35.4526, 57.3430, 48.8682)
contains.

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Color

**XYZ(35.4643, 57.3811,
48.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	2BE1AD
RGB	43, 225, 173
RGB Percent	17%, 88%, 68%
CMY	0.8313, 0.1176, 0.3216
CMYK	0.81, 0.00, 0.23, 0.12
HSL	163°, 75%, 53%
HSV	163°, 81%, 88%
XYZ	35.4643, 57.3811, 48.7417
YIQ	164.6540, -91.7800, -54.7560

Conversions

Conversions Part 2

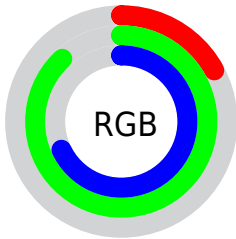
Format	Color
R _Y B	43, 149, 225
Decimal	2875821
CIE Lab	80.39, -55.53, 13.20
CIE LCh	80, 57.077, 166.627
Yxy	57.3811, 0.2505, 0.4053
Android (android.graphics.Color)	4281065901 (0xFF2BE1AD)
YUV	164.6540, 4.1146, -106.6906
Hunter-Lab	75.7503, -48.9941, 14.8749

Details

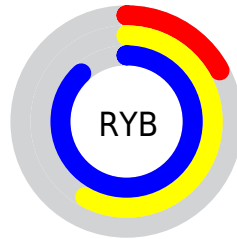
The XYZ color **35.4643, 57.3811, 48.7417** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **33.9828, 18.5630, 12.6211**, and the grayscale version is **35.6130, 37.4677, 40.8023**.

A 20% lighter version of the original color is **57.5093, 81.1145, 86.0244**, and **17.4538, 29.3857, 22.8413** is the 20% darker color. If you saturate the color by 10%, you get **34.1608, 56.7807, 45.5119**, and if you desaturate by 10%, it is **37.3204, 58.2658, 52.1562**.

Distribution



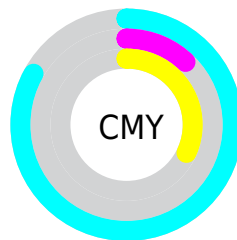
- Red (17%)
- Green (88%)
- Blue (68%)



- Red (17%)
- Yellow (58%)
- Blue (88%)



- Cyan (81%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)





- Cyan (83%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4643, 57.3811, 48.7417 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 35.4643, 57.3811, 48.7417 by changing the saturation by 10% instead.


 35.4643, 57.3811,
48.7417


 35.4643, 57.3811,
48.7417


318.0852,
414.8758, 398.3178

 24.1889, 41.3113,
34.0505


 67.5337, 101.0210,
89.6847


 15.5993, 28.5624,
22.6547


 89.0585, 129.3600,
116.7736


 9.3301, 18.7500,
14.1358


 114.7304,
162.5574, 148.8321

 5.0160, 11.4898,
8.0754

 144.9149,
200.9977, 186.2787

 2.2915, 6.3973,
4.0548

 179.9773,
245.0653, 229.5321

 0.7903, 3.0881,
1.6554

220.2829,

 0.0000, 1.1779,

295.1446, 279.0107

0.3299

266.1971,
351.6200, 335.1330

■ 0.0000, 0.0436,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.4643, 57.3811,
48.7417

■ 35.4643, 57.3811,
48.7417

■ 34.1608, 56.7807,
45.5119


■ 37.3204, 58.2658,
52.1562


■ 33.3339, 56.4154,
42.7179


■ 39.7997, 59.4668,
55.7571


■ 42.9669, 61.0188,
59.5506


■ 46.8769, 62.9503,
63.5415

 51.5794, 65.2865,
67.7340

 57.1193, 68.0509,
72.1323

 63.5383, 71.2646,
76.7401

 70.8751, 74.9478,
81.5613

 79.1662, 79.1191,
86.5995

Harmonies

Analogous

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



39.7780, 57.3811, 27.8786



35.4643, 57.3811, 48.7417



35.7129, 57.3811, 82.7672

Triad

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



35.4643, 57.3811, 48.7417



61.2267, 57.3811, 146.6804



71.4764, 57.3811, 26.3959

Complementary

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



35.4643, 57.3811, 48.7417



33.9828, 18.5630, 12.6211

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.



79.0348, 57.3811, 45.8096



35.4643, 57.3811, 48.7417



72.5630, 57.3811, 117.9296

Square

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



35.4643, 57.3811, 48.7417



49.5040, 57.3811, 148.3584



79.4587, 57.3811, 78.5799



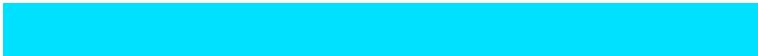
59.9043, 57.3811, 18.4468

Rectangle

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



35.4643, 57.3811, 48.7417



38.4165, 57.3811, 109.2886



79.4587, 57.3811, 78.5799



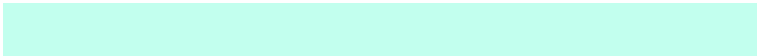
74.6387, 57.3811, 31.4054

Sweetspot

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



35.4659, 57.3833, 48.7430



73.3180, 89.1074, 93.8496



32.3572, 56.6017, 11.5063



15.1289, 18.7911, 19.6393



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.



35.4659, 57.3833, 48.7430



44.5415, 75.0437, 57.6630



32.7005, 42.1756, 77.6539



13.9409, 15.5021, 16.7238



19.2605, 32.5291, 24.8926



1.3730, 2.2699, 1.9254

Inverse Universe

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



33.9828, 18.5630, 12.6211



42.7099, 21.9808, 9.2608



34.3142, 21.8337, 4.6922



13.8675, 13.7646, 15.0722



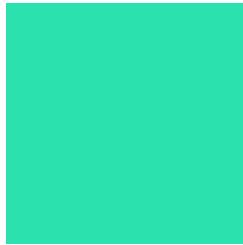
18.4749, 9.4569, 3.9004



1.3185, 0.6707, 0.4699

Previews

White Background



This preview shows how the XYZ color 35.4643, 57.3811, 48.7417 looks on a white background.

Color Contrast Check

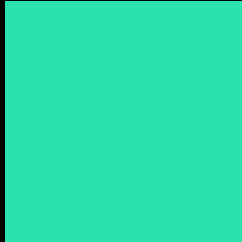
Large Text (above 18pt) WCAG AA × Fail

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 35.4643, 57.3811, 48.7417 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

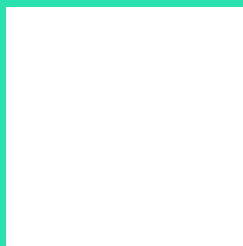
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4643, 57.3811, 48.7417

Background



This preview shows how black text looks on a background with the XYZ color 35.4643, 57.3811, 48.7417.

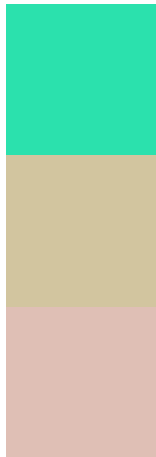


This preview shows how white text looks on a background with the XYZ color 35.4643, 57.3811,

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

35.4643, 57.3811, 48.7417

Protanopia

52.8026, 56.1373, 40.8535

Deuteranopia

57.4027, 56.2858, 51.5549



Tritanopia

43.0575, 57.3156, 86.6355

Trichromacy



Original Color

35.4643, 57.3811, 48.7417



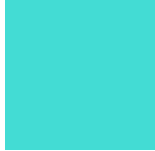
Protanomaly

41.4081, 53.6955, 43.3038



Deuteranomaly

43.4924, 53.1953, 50.0949



Tritanomaly

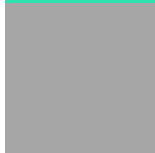
39.7916, 57.1332, 71.2179

Monochromacy



Original Color

35.4643, 57.3811, 48.7417



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

32.7234, 42.4327, 43.5114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4643, 57.3811, 48.7417 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, 225, 173)` looks like.

```
.text, #text, p{  
    color:rgb(43, 225, 173)  
}
```

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, 225, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 225, 173) }
```

Border

The CSS property to change the border of an element to XYZ 35.4643, 57.3811, 48.7417 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, 225, 173) }
```


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

```
.border{ border-color:rgb(43, 225, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 225, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 225, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 225, 173);  
box-shadow:4px 4px 4px 4px rgb(43, 225,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4643, 57.3811, 48.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 225, 173) }
```

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

```
.background{ background-color: rgb(43, 225,  
173) }
```

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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