

Converting Colors

XYZ(34.2507, 57.6289, 44.9354)

Have a look what the booklet for
XYZ(34.2507, 57.6289, 44.9354)
contains.

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Color

**XYZ(34.2606, 57.6548,
44.9201)**

Conversions

Conversions Part 1

Format	Color
Hex	00E3A5
RGB	0, 227, 165
RGB Percent	0%, 89%, 65%
CMY	0.9999, 0.1098, 0.3529
CMYK	1.00, 0.00, 0.27, 0.11
HSL	164°, 100%, 45%
HSV	164°, 100%, 89%
XYZ	34.2606, 57.6548, 44.9201
YIQ	152.0590, -115.3900, -67.4060

Conversions

Conversions Part 2

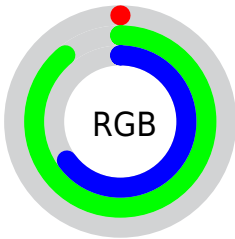
Format	Color
RYB	0, 131, 227
Decimal	58277
CIELab	80.55, -60.31, 17.57
CIELCh	81, 62.816, 163.755
Yxy	57.6548, 0.2504, 0.4213
Android (android.graphics.Color)	4278248357 (0xFF00E3A5)
YUV	152.0590, 6.3799, -133.3557
Hunter-Lab	75.9308, -52.3381, 18.0760

Details

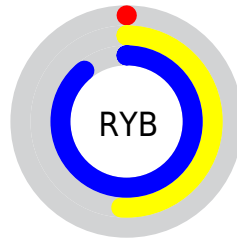
The XYZ color **34.2606, 57.6548, 44.9201** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **32.5503, 16.6802, 6.0654**, and the grayscale version is **29.8835, 31.4398, 34.2379**.

A 20% lighter version of the original color is **54.8626, 79.8755, 80.2361**, and **17.3554, 29.9417, 20.4874** is the 20% darker color. If you saturate the color by 10%, you get **34.2612, 57.6566, 44.9181**, and if you desaturate by 10%, it is **35.1873, 58.0672, 47.9831**.

Distribution



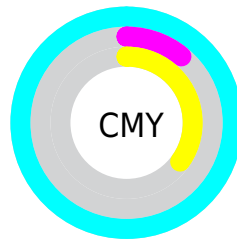
- Red (0%)
- Green (89%)
- Blue (65%)



- Red (0%)
- Yellow (51%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (11%)





- Cyan (100%)
- Magenta (11%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2606, 57.6548, 44.9201 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 34.2606, 57.6548, 44.9201 by changing the saturation by 10% instead.


 34.2606, 57.6548,
44.9201


 34.2606, 57.6548,
44.9201


312.8580,
415.8984, 382.6006


 23.2577, 41.5312,
31.0520


 65.6803, 101.4200,
83.9177


 14.9057, 28.7344,
20.3797


 86.8279, 129.8304,
109.8842


 8.8391, 18.8800,
12.4845


 112.0877,
163.1051, 140.7207

 4.6926, 11.5836,
6.9480

 141.8251,
201.6287, 176.8456

 2.1010, 6.4608,
3.3517

 176.4055,
245.7854, 218.6775

 0.6897, 3.1273,
1.2769

216.1942,

 0.0000, 1.1985,

295.9596, 266.6350

0.0427

261.5566,
352.5358, 321.1365

■ 0.0000, 0.0605,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.2606, 57.6548,
44.9201

■ 34.2606, 57.6548,
44.9201

■ 34.2612, 57.6566,
44.9181

■ 35.1873, 58.0672,
47.9831

■ 36.5473, 58.6983,
51.2100

■ 38.4732, 59.6179,
54.6101

■ 41.0405, 60.8648,
58.1889

■ 44.3128, 62.4718,
61.9511

■ 48.3457, 64.4676,
65.9013

■ 53.1894, 66.8780,
70.0435

■ 58.8895, 69.7264,
74.3816

■ 65.4881, 73.0345,
78.9194

Harmonies

Analogous

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



39.3668, 57.6548, 24.1638



34.2606, 57.6548, 44.9201



34.0569, 57.6548, 81.2359

Triad

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



34.2606, 57.6548, 44.9201



60.9138, 57.6548, 160.2010



74.7485, 57.6548, 25.3378

Complementary

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



34.2606, 57.6548, 44.9201



32.5503, 16.6802, 6.0654

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.



82.6093, 57.6548, 47.3490



34.2606, 57.6548, 44.9201



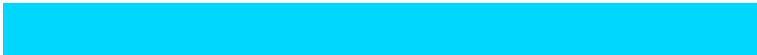
73.8146, 57.6548, 129.3727

Square

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



34.2606, 57.6548, 44.9201



48.1463, 57.6548, 158.7130



82.2430, 57.6548, 84.8300



62.0383, 57.6548, 16.2797

Rectangle

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



34.2606, 57.6548, 44.9201



36.6483, 57.6548, 111.1239



82.2430, 57.6548, 84.8300



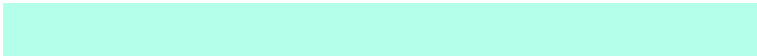
78.1286, 57.6548, 30.9887

Sweetspot

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



34.2621, 57.6571, 44.9214



69.1012, 86.9907, 91.0685



29.6065, 56.0416, 9.2574



14.1914, 18.3211, 18.9965



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.



34.2621, 57.6571, 44.9214



44.5533, 75.0373, 58.2250



29.7516, 37.3177, 78.3107



14.6306, 16.2657, 17.5857



20.0319, 33.6449, 26.4663



1.5188, 2.5017, 2.1587

Inverse Universe

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



32.5503, 16.6802, 6.0654



42.3347, 21.6979, 7.6944



32.7867, 18.5453, 1.8523



14.5379, 14.4324, 15.7671



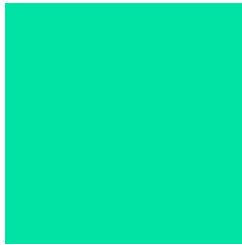
19.0244, 9.7440, 3.7572



1.4440, 0.7353, 0.4788

Previews

White Background



This preview shows how the XYZ color 34.2606, 57.6548, 44.9201 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 34.2606, 57.6548, 44.9201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

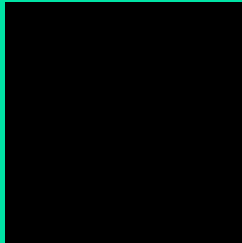
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

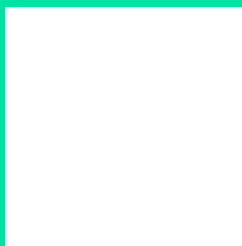
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2606, 57.6548, 44.9201

Background



This preview shows how black text looks on a background with the XYZ color 34.2606, 57.6548, 44.9201.

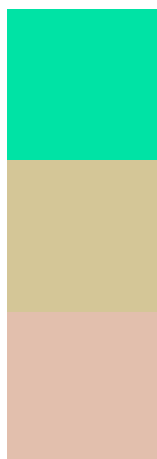


This preview shows how white text looks on a background with the XYZ color 34.2606, 57.6548,

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

34.2606, 57.6548, 44.9201

Protanopia

52.9314, 56.6196, 37.4170

Deuteranopia

57.5377, 56.4475, 47.3981



Tritanopia

43.0358, 57.6548, 88.2171

Trichromacy



Original Color

34.2606, 57.6548, 44.9201



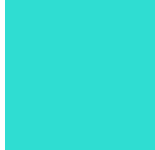
Protanomaly

38.7929, 53.1521, 39.6673



Deuteranomaly

40.3502, 52.0173, 45.9439



Tritanomaly

38.6616, 56.9704, 69.9315

Monochromacy



Original Color

34.2606, 57.6548, 44.9201



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.1357, 37.2159, 37.6515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2606, 57.6548, 44.9201 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(0, 227, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 227, 165)  
}
```

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(0, 227, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 227, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.2606, 57.6548, 44.9201 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(0, 227, 165) }
```


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

```
.border{ border-color:rgb(0, 227, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 227, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 227, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 227, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 227,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2606, 57.6548, 44.9201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 227, 165) }
```

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

```
.background{ background-color: rgb(0, 227,  
165) }
```

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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