

Converting Colors

XYZ(30.3661, 52.8022, 34.5690)

Have a look what the booklet for
XYZ(30.3661, 52.8022, 34.5690)
contains.

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Color

**XYZ(30.2894, 52.6462,
34.5519)**

Conversions

Conversions Part 1

Format	Color
Hex	00DB8F
RGB	0, 219, 143
RGB Percent	0%, 86%, 56%
CMY	0.9999, 0.1412, 0.4392
CMYK	1.00, 0.00, 0.35, 0.14
HSL	159°, 100%, 43%
HSV	159°, 100%, 86%
XYZ	30.2894, 52.6462, 34.5519
YIQ	144.8550, -106.1280, -70.0640

Conversions

Conversions Part 2

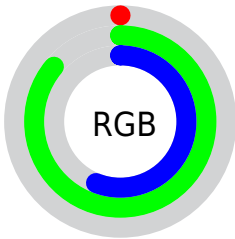
Format	Color
RYB	0, 132, 219
Decimal	56207
CIELab	77.67, -62.21, 25.08
CIELCh	78, 67.071, 158.046
Yxy	52.6462, 0.2578, 0.4481
Android (android.graphics.Color)	4278246287 (0xFF00DB8F)
YUV	144.8550, -0.9145, -127.0378
Hunter-Lab	72.5577, -52.4607, 22.5566

Details

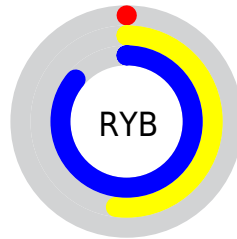
The XYZ color **30.2894, 52.6462, 34.5519** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **30.5198, 15.5831, 8.2401**, and the grayscale version is **26.8920, 28.2924, 30.8105**.

A 20% lighter version of the original color is **51.7819, 78.6154, 65.2684**, and **14.8521, 26.6134, 14.4793** is the 20% darker color. If you saturate the color by 10%, you get **30.2901, 52.6480, 34.5508**, and if you desaturate by 10%, it is **31.2152, 53.0561, 37.7050**.

Distribution



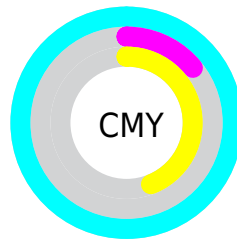
- Red (0%)
- Green (86%)
- Blue (56%)



- Red (0%)
- Yellow (52%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (14%)





- Cyan (100%)
- Magenta (14%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2894, 52.6462, 34.5519 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 30.2894, 52.6462, 34.5519 by changing the saturation by 10% instead.


 30.2894, 52.6462,
34.5519


 30.2894, 52.6462,
34.5519


295.1368,
396.9263, 337.4300


 20.2075, 37.5204,
23.0371


 59.5030, 94.0836,
67.9347


 12.6551, 25.6107,
14.4154


 79.3655, 121.1639,
90.6398


 7.2668, 16.5326,
8.2681


 103.2189,
152.9979, 117.9120

 3.6774, 9.9018,
4.1767

 131.4285,
189.9699, 150.1700

 1.5213, 5.3339,
1.7228

 164.3598,
232.4644, 187.8323

 0.3402, 2.4445,
0.3763

202.3780,

 0.0000, 0.8486,

280.8656, 231.3173

0.0000

245.8485,
335.5581, 281.0437

■ 0.0000, 0.0000,
0.0000

■ 30.2894, 52.6462,
34.5519

■ 30.2894, 52.6462,
34.5519

■ 30.2901, 52.6480,
34.5508

■ 31.2152, 53.0561,
37.7050

■ 32.5525, 53.6720,
41.0838

■ 34.4253, 54.5594,
44.6990

■ 36.9030, 55.7539,
48.5576

■ 40.0442, 57.2856,
52.6659

■ 43.9002, 59.1808,
57.0298

■ 48.5172, 61.4634,
61.6549

■ 53.9371, 64.1548,
66.5464

■ 60.1991, 67.2752,
71.7096

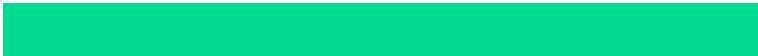
Harmonies

Analogous

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



36.1891, 52.6462, 17.4674



30.2894, 52.6462, 34.5519



29.1846, 52.6462, 67.9115

Triad

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



30.2894, 52.6462, 34.5519



53.6109, 52.6462, 161.1108



72.3598, 52.6462, 23.6112

Complementary

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



30.2894, 52.6462, 34.5519



30.5198, 15.5831, 8.2401

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.



79.0164, 52.6462, 47.8962



30.2894, 52.6462, 34.5519



67.0353, 52.6462, 133.9718

Square

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



30.2894, 52.6462, 34.5519



41.2820, 52.6462, 152.3592



76.9157, 52.6462, 88.3861



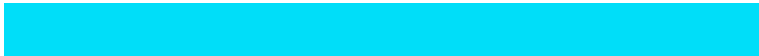
59.9535, 52.6462, 13.3205

Rectangle

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



30.2894, 52.6462, 34.5519



31.0979, 52.6462, 97.8881



76.9157, 52.6462, 88.3861



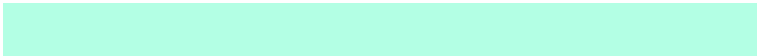
75.4337, 52.6462, 29.8724

Sweetspot

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



30.2908, 52.6483, 34.5531



68.3012, 86.6707, 86.8560



28.3660, 52.2287, 8.5866



13.9998, 18.2445, 17.9877



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.



30.2908, 52.6483, 34.5531



42.6889, 74.2916, 48.4070



30.3786, 40.2982, 73.1976



13.2429, 14.7488, 15.7421



18.0134, 31.2380, 20.7679



1.2071, 2.0398, 1.5564

Inverse Universe

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



30.5198, 15.5831, 8.2401



43.0222, 21.9729, 11.3152



29.7547, 16.1409, 1.5477



13.2417, 13.1258, 14.5339



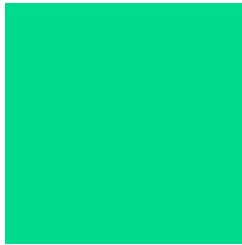
18.1426, 9.2581, 5.1307



1.2152, 0.6157, 0.5423

Previews

White Background



This preview shows how the XYZ color 30.2894, 52.6462, 34.5519 looks on a white background.

Color Contrast Check

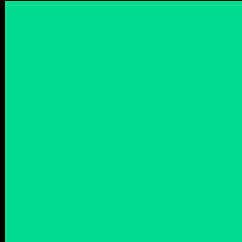
Large Text (above 18pt) WCAG AA × Fail

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 30.2894, 52.6462, 34.5519 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 30.2894, 52.6462, 34.5519

Background



This preview shows how black text looks on a background with the XYZ color 30.2894, 52.6462, 34.5519.



This preview shows how white text looks on a background with the XYZ color 30.2894, 52.6462,

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

30.2894, 52.6462, 34.5519

Protanopia

47.9638, 51.5874, 28.9021

Deuteranopia

52.6436, 51.6309, 36.4693



Tritanopia

39.5885, 52.6697, 80.0312

Trichromacy



Original Color

30.2894, 52.6462, 34.5519



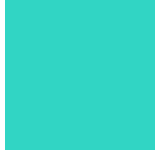
Protanomaly

34.6199, 48.3479, 30.4291



Deuteranomaly

36.0697, 47.2807, 35.2420



Tritanomaly

35.0247, 52.2270, 60.4594

Monochromacy



Original Color

30.2894, 52.6462, 34.5519



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.2002, 33.7940, 31.6330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2894, 52.6462, 34.5519 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, 219, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 143)  
}
```

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, 219, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.2894, 52.6462, 34.5519 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, 219, 143) }
```


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

```
.border{ border-color:rgb(0, 219, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 219, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2894, 52.6462, 34.5519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 143) }
```

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

```
.background{ background-color: rgb(0, 219,  
143) }
```

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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