

Converting Colors

XYZ(21.3904, 47.6145, 35.7639)

Have a look what the booklet for
XYZ(21.3904, 47.6145, 35.7639)
contains.

XYZ(30.3379, 52.2494, 36.0899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.3379, 52.2494,
36.0899)**

Conversions

Conversions Part 1

Format	Color
Hex	00DA93
RGB	0, 218, 147
RGB Percent	0%, 85%, 58%
CMY	0.9999, 0.1451, 0.4235
CMYK	1.00, 0.00, 0.33, 0.15
HSL	160°, 100%, 43%
HSV	160°, 100%, 85%
XYZ	30.3379, 52.2494, 36.0899
YIQ	144.7240, -107.1370, -68.2970

Conversions

Conversions Part 2

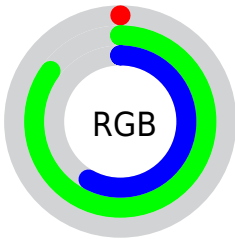
Format	Color
RYB	0, 130, 218
Decimal	55955
CIELab	77.43, -61.01, 22.67
CIELCh	77, 65.086, 159.612
Yxy	52.2494, 0.2556, 0.4403
Android (android.graphics.Color)	4278246035 (0xFF00DA93)
YUV	144.7240, 1.1221, -126.9229
Hunter-Lab	72.2837, -51.5791, 20.9963

Details

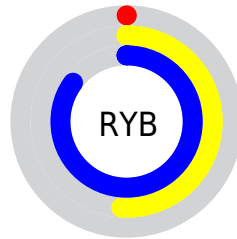
The XYZ color **30.3379, 52.2494, 36.0899** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **30.0530, 15.3618, 7.3471**, and the grayscale version is **26.8322, 28.2296, 30.7420**.

A 20% lighter version of the original color is **52.2465, 78.8012, 67.7148**, and **15.0317, 26.6852, 15.4248** is the 20% darker color. If you saturate the color by 10%, you get **30.3383, 52.2510, 36.0876**, and if you desaturate by 10%, it is **31.2407, 52.6498, 39.1328**.

Distribution



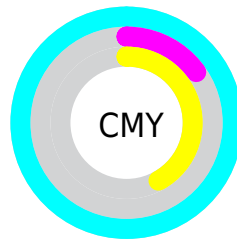
- Red (0%)
- Green (85%)
- Blue (58%)



- Red (0%)
- Yellow (51%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)




- Cyan (100%)
- Magenta (15%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3379, 52.2494, 36.0899 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 30.3379, 52.2494, 36.0899 by changing the saturation by 10% instead.


 30.3379, 52.2494,
36.0899


 30.3379, 52.2494,
36.0899


295.3580,
395.3987, 344.4026


 20.2446, 37.2039,
24.2134


 59.5791, 93.4989,
70.3414


 12.6822, 25.3654,
15.2783


 79.4577, 120.4718,
93.5535


 7.2856, 16.3495,
8.8662


 103.3287,
152.1892, 121.3812

 3.6892, 9.7718,
4.5584

 131.5575,
189.0356, 154.2430

 1.5279, 5.2479,
1.9364

 164.5095,
231.3953, 192.5575

 0.3447, 2.3935,
0.5157

202.5500,

 0.0000, 0.8225,

279.6528, 236.7433

0.0000

246.0444,
334.1925, 287.2188

■ 0.0000, 0.0000,
0.0000

■ 30.3379, 52.2494,
36.0899

■ 30.3379, 52.2494,
36.0899

■ 30.3383, 52.2510,
36.0876

■ 31.2407, 52.6498,
39.1328

■ 32.5461, 53.2523,
42.3760

■ 34.3770, 54.1216,
45.8296

■ 36.8019, 55.2930,
49.4998

■ 39.8785, 56.7960,
53.3921

■ 43.6573, 58.6568,
57.5118

■ 48.1840, 60.8988,
61.8638

■ 53.5000, 63.5432,
66.4527

■ 59.6437, 66.6099,
71.2830

Harmonies

Analogous

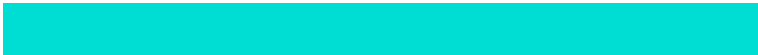
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.8370, 52.2494, 18.5863



30.3379, 52.2494, 36.0899



29.5031, 52.2494, 69.1995

Triad

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



30.3379, 52.2494, 36.0899



53.7915, 52.2494, 155.5643



70.6165, 52.2494, 23.2773

Complementary

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



30.3379, 52.2494, 36.0899



30.0530, 15.3618, 7.3471

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.



77.3860, 52.2494, 46.1356



30.3379, 52.2494, 36.0899



66.6499, 52.2494, 128.2672

Square

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



30.3379, 52.2494, 36.0899



41.7365, 52.2494, 149.1016



75.8235, 52.2494, 84.4547



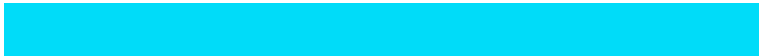
58.5310, 52.2494, 13.6419

Rectangle

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



30.3379, 52.2494, 36.0899



31.5314, 52.2494, 98.2207



75.8235, 52.2494, 84.4547



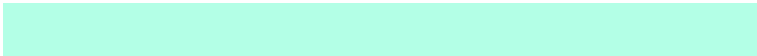
73.6743, 52.2494, 29.1665

Sweetspot

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



30.3393, 52.2515, 36.0911



68.5295, 86.7620, 88.0580



27.7963, 51.5489, 8.4857



14.0544, 18.2663, 18.2750



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.



30.3393, 52.2515, 36.0911



43.2006, 74.4962, 51.1014



29.3169, 38.3848, 72.1960



13.2551, 14.7537, 15.8062



18.2265, 31.3232, 21.8899



1.2197, 2.0448, 1.6232

Inverse Universe

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



30.0530, 15.3618, 7.3471



42.8037, 21.8855, 10.1642



29.5563, 16.1894, 1.5678



13.2300, 13.1211, 14.4725



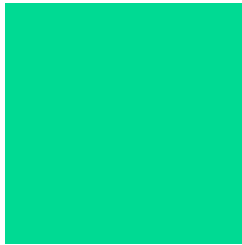
18.0478, 9.2202, 4.6318



1.2081, 0.6129, 0.5047

Previews

White Background



This preview shows how the XYZ color 30.3379, 52.2494, 36.0899 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 30.3379, 52.2494, 36.0899 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

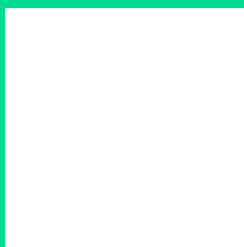
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3379, 52.2494, 36.0899

Background



This preview shows how black text looks on a background with the XYZ color 30.3379, 52.2494, 36.0899.



This preview shows how white text looks on a background with the XYZ color 30.3379, 52.2494,

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

30.3379, 52.2494, 36.0899

Protanopia

47.6184, 51.3855, 29.9629

Deuteranopia

52.1595, 51.0381, 38.1126



Tritanopia

39.0481, 52.0438, 79.2216

Trichromacy



Original Color

30.3379, 52.2494, 36.0899



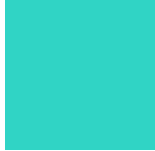
Protanomaly

34.5204, 47.9185, 31.8559



Deuteranomaly

35.9978, 46.8727, 36.8558



Tritanomaly

34.8405, 51.7466, 60.9751

Monochromacy



Original Color

30.3379, 52.2494, 36.0899



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.3545, 33.8557, 32.4453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3379, 52.2494, 36.0899 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, 218, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 218, 147)  
}
```

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, 218, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 218, 147) }
```

Border

The CSS property to change the border of an element to XYZ 30.3379, 52.2494, 36.0899 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, 218, 147) }
```


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

```
.border{ border-color:rgb(0, 218, 147) }
```

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

Here you see how a box with a 4 pixel rgb(0, 218, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 218, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 218, 147);  
box-shadow:4px 4px 4px 4px rgb(0, 218,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3379, 52.2494, 36.0899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 218, 147) }
```

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

```
.background{ background-color: rgb(0, 218,  
147) }
```

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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