

Converting Colors

XYZ(25.9466, 43.5237, 30.3594)

Have a look what the booklet for
XYZ(25.9466, 43.5237, 30.3594)
contains.

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Color

**XYZ(25.9349, 43.5175,
30.3254)**

Conversions

Conversions Part 1

Format	Color
Hex	27C888
RGB	39, 200, 136
RGB Percent	15%, 78%, 53%
CMY	0.8470, 0.2157, 0.4667
CMYK	0.80, 0.00, 0.32, 0.22
HSL	156°, 67%, 47%
HSV	156°, 80%, 78%
XYZ	25.9349, 43.5175, 30.3254
YIQ	144.5650, -75.4120, -54.0360

Conversions

Conversions Part 2

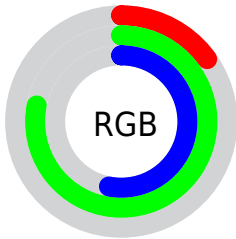
Format	Color
RYB	39, 139, 200
Decimal	2607240
CIELab	71.90, -54.60, 20.95
CIELCh	72, 58.478, 159.008
Yxy	43.5175, 0.2599, 0.4361
Android (android.graphics.Color)	4280797320 (0xFF27C888)
YUV	144.5650, -4.2225, -92.5805
Hunter-Lab	65.9678, -45.2673, 18.9218

Details

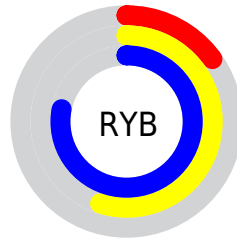
The XYZ color **25.9349, 43.5175, 30.3254** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **26.9945, 14.7106, 14.2502**, and the grayscale version is **26.7769, 28.1714, 30.6786**.

A 20% lighter version of the original color is **51.7364, 78.6825, 61.1756**, and **11.8051, 20.9227, 12.2204** is the 20% darker color. If you saturate the color by 10%, you get **24.8234, 43.0085, 27.4330**, and if you desaturate by 10%, it is **27.4895, 44.2523, 33.4593**.

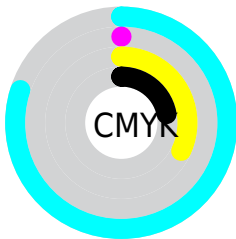
Distribution



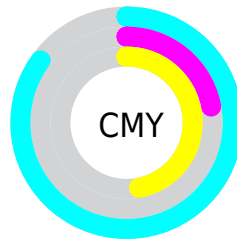
- Red (15%)
- Green (78%)
- Blue (53%)



- Red (15%)
- Yellow (55%)
- Blue (78%)



- Cyan (80%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)





- Cyan (85%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.9349, 43.5175, 30.3254 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 25.9349, 43.5175, 30.3254 by changing the saturation by 10% instead.


 25.9349, 43.5175,
30.3254


 25.9349, 43.5175,
30.3254


274.7249,
360.7357, 317.6727


 16.9074, 30.2914,
19.8316


 52.6020, 80.4912,
61.2435


 10.2634, 20.0598,
12.0898


 70.9722, 105.0076,
82.5048


 5.6375, 12.4386,
6.6816


 93.1874, 134.0561,
108.1924

 2.6645, 7.0431,
3.1884

 119.6129,
168.0213, 138.7247

 0.9789, 3.4891,
1.1916

 150.6140,
207.2874, 174.5204

 0.0000, 1.3921,
0.0000

186.5562,

 0.0000, 0.2109,

252.2389, 215.9979

0.0000

227.8047,
303.2602, 263.5758

■ 0.0000, 0.0000,
0.0000

■ 25.9349, 43.5175,
30.3254

■ 25.9349, 43.5175,
30.3254

■ 24.8234, 43.0085,
27.4330

■ 27.4895, 44.2523,
33.4593

■ 24.0755, 42.6783,
24.8966

■ 29.5396, 45.2365,
36.8389

■ 32.1337, 46.4961,
40.4719

■ 35.3134, 48.0524,
44.3644

■ 39.1159, 49.9246,
48.5224

■ 43.5755, 52.1302,
52.9516

■ 48.7236, 54.6853,
57.6574

■ 54.5898, 57.6051,
62.6451

■ 61.2018, 60.9038,
67.9199

Harmonies

Analogous

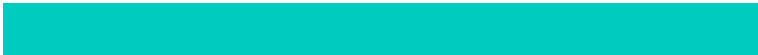
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.4411, 43.5175, 16.2650



25.9349, 43.5175, 30.3254



25.1841, 43.5175, 56.4993

Triad

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



25.9349, 43.5175, 30.3254



44.4334, 43.5175, 124.8187



58.0995, 43.5175, 20.5666

Complementary

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



25.9349, 43.5175, 30.3254



26.9945, 14.7106, 14.2502

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.



63.3064, 43.5175, 39.3044



25.9349, 43.5175, 30.3254



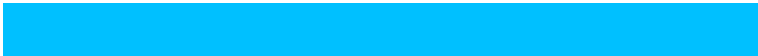
54.6249, 43.5175, 104.0576

Square

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



25.9349, 43.5175, 30.3254



34.8737, 43.5175, 119.2503



61.9419, 43.5175, 69.8727



48.6091, 43.5175, 12.4079

Rectangle

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



25.9349, 43.5175, 30.3254



26.7725, 43.5175, 79.2662



61.9419, 43.5175, 69.8727



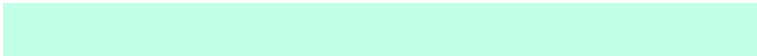
60.4729, 43.5175, 25.4526

Sweetspot

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



25.9360, 43.5192, 30.3264



72.3342, 88.7139, 88.6692



26.6614, 44.3642, 9.0778



14.8913, 18.6961, 18.3881



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.



25.9360, 43.5192, 30.3264



41.9136, 73.9925, 43.8244



28.3831, 38.8427, 60.6472



10.7613, 11.9934, 12.6930



15.3527, 27.1534, 16.0675



0.7620, 1.2997, 0.9451

Inverse Universe

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



26.9945, 14.7106, 14.2502



43.9234, 22.4662, 15.6512



25.5578, 15.1687, 3.5007



10.8056, 10.7056, 11.9596



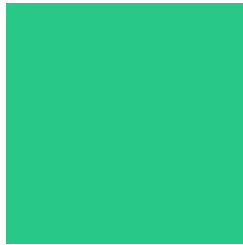
16.0958, 8.1879, 5.7144



0.7977, 0.4019, 0.4579

Previews

White Background



This preview shows how the XYZ color 25.9349, 43.5175, 30.3254 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 25.9349, 43.5175, 30.3254 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 25.9349, 43.5175, 30.3254

Background



This preview shows how black text looks on a background with the XYZ color 25.9349, 43.5175, 30.3254.



This preview shows how white text looks on a background with the XYZ color 25.9349, 43.5175,

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

25.9349, 43.5175, 30.3254

Protanopia

39.7707, 42.8320, 25.5733

Deuteranopia

43.3177, 42.5450, 31.9155



Tritanopia

32.9539, 43.3444, 65.6609

Trichromacy



Original Color

25.9349, 43.5175, 30.3254



Protanomaly

30.9345, 40.9343, 27.0396



Deuteranomaly

32.3826, 40.3756, 30.8975



Tritanomaly

29.6822, 42.9765, 50.4469

Monochromacy



Original Color

25.9349, 43.5175, 30.3254



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.2815, 31.9274, 30.4740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9349, 43.5175, 30.3254 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(39, 200, 136)` looks like.

```
.text, #text, p{  
    color:rgb(39, 200, 136)  
}
```

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(39, 200, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 200, 136) }
```

Border

The CSS property to change the border of an element to XYZ 25.9349, 43.5175, 30.3254 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(39, 200, 136) }
```


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

```
.border{ border-color:rgb(39, 200, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 200, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 200, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 200, 136);  
box-shadow:4px 4px 4px 4px rgb(39, 200,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9349, 43.5175, 30.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 200, 136) }
```

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

```
.background{ background-color: rgb(39, 200,  
136) }
```

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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