

Converting Colors

XYZ(26.9215, 45.4497, 29.3920)

Have a look what the booklet for
XYZ(26.9215, 45.4497, 29.3920)
contains.

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Color

**XYZ(26.9532, 45.4600,
29.5444)**

Conversions

Conversions Part 1

Format	Color
Hex	2ECC85
RGB	46, 204, 133
RGB Percent	18%, 80%, 52%
CMY	0.8196, 0.2000, 0.4784
CMYK	0.77, 0.00, 0.35, 0.20
HSL	153°, 63%, 49%
HSV	153°, 77%, 80%
XYZ	26.9532, 45.4600, 29.5444
YIQ	148.6640, -71.3770, -55.5770

Conversions

Conversions Part 2

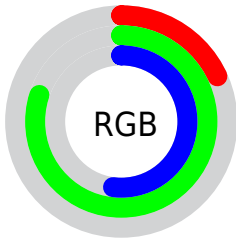
Format	Color
RYB	46, 148, 204
Decimal	3067013
CIELab	73.19, -55.96, 24.30
CIElCh	73, 61.011, 156.526
Yxy	45.4600, 0.2644, 0.4459
Android (android.graphics.Color)	4281257093 (0xFF2ECC85)
YUV	148.6640, -7.7224, -90.0363
Hunter-Lab	67.4240, -46.6355, 21.2167

Details

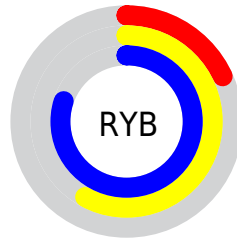
The XYZ color **26.9532, 45.4600, 29.5444** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **29.0912, 16.0767, 18.4013**, and the grayscale version is **28.4800, 29.9632, 32.6299**.

A 20% lighter version of the original color is **51.9321, 78.8209, 59.4906**, and **12.1512, 21.8043, 11.7518** is the 20% darker color. If you saturate the color by 10%, you get **25.6373, 44.8528, 26.3203**, and if you desaturate by 10%, it is **28.7631, 46.3178, 33.0823**.

Distribution



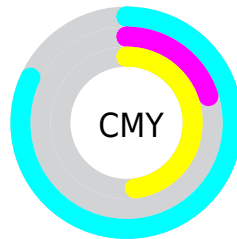
- Red (18%)
- Green (80%)
- Blue (52%)



- Red (18%)
- Yellow (58%)
- Blue (80%)



- Cyan (77%)
- Magenta (0%)
- Yellow (35%)
- Black (20%)



- Cyan (82%)
- Magenta (20%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9532, 45.4600, 29.5444 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 26.9532, 45.4600, 29.5444 by changing the saturation by 10% instead.

■ 26.9532, 45.4600,
29.5444

■ 26.9532, 45.4600,
29.5444

279.6021,
368.6334, 313.9159

■ 17.6745, 31.8199,
19.2439

■ 54.2292, 83.4103,
59.9934

■ 10.8148, 21.2240,
11.6681

■ 72.9571, 108.4892,
80.9790

■ 6.0088, 13.2878,
6.3983

■ 95.5656, 138.1499,
106.3634

■ 2.8912, 7.6270,
3.0161

■ 122.4198,
172.7768, 136.5651

■ 1.0965, 3.8572,
1.1028

■ 153.8853,
212.7541, 172.0026

■ 0.0222, 1.5940,
0.0000

190.3272,

■ 0.0000, 0.3536,

258.4664, 213.0946

0.0000

232.1111,
310.2981, 260.2595

■ 0.0000, 0.0000,
0.0000

■ 26.9532, 45.4600,
29.5444

■ 26.9532, 45.4600,
29.5444

■ 25.6373, 44.8528,
26.3203

■ 28.7631, 46.3178,
33.0823

■ 24.7342, 44.4511,
23.3957


■ 31.1193, 47.4496,
36.9404


■ 24.5366, 44.3645,
22.6954


■ 34.0712, 48.8817,
41.1290


■ 37.6613, 50.6359,
45.6565

■ 41.9280, 52.7320,
50.5312

 46.9067, 55.1880,
55.7610

 52.6301, 58.0207,
61.3534

 59.1290, 61.2458,
67.3157

 66.4323, 64.8780,
73.6551

Harmonies

Analogous

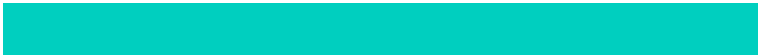
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.0849, 45.4600, 15.6455



26.9532, 45.4600, 29.5444



25.8238, 45.4600, 56.5005

Triad

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



26.9532, 45.4600, 29.5444



45.5888, 45.4600, 134.1322



61.9364, 45.4600, 22.0619

Complementary

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



26.9532, 45.4600, 29.5444



29.0912, 16.0767, 18.4013

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.



67.0376, 45.4600, 43.0998



26.9532, 45.4600, 29.5444



56.6447, 45.4600, 113.5372

Square

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



26.9532, 45.4600, 29.5444



35.5214, 45.4600, 125.5858



64.9566, 45.4600, 76.8691



51.9313, 45.4600, 12.7397

Rectangle

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



26.9532, 45.4600, 29.5444



27.2927, 45.4600, 80.7465



64.9566, 45.4600, 76.8691



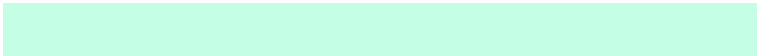
64.3508, 45.4600, 27.5738

Sweetspot

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



26.9544, 45.4618, 29.5454



72.7093, 88.9400, 87.2033



29.4370, 47.1738, 10.1392



14.9423, 18.7310, 17.9992



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.



26.9544, 45.4618, 29.5454



41.3861, 73.7989, 40.2591



31.7897, 44.4673, 64.0364



11.3222, 12.6386, 13.2541



15.4906, 27.9416, 14.5345



0.8371, 1.4566, 0.9495

Inverse Universe

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



29.0912, 16.0767, 18.4013



45.1186, 23.1537, 21.2995



26.7107, 15.6646, 4.2010



11.4184, 11.2961, 12.7377



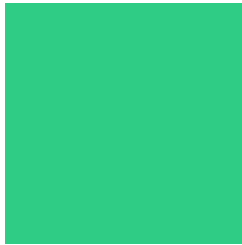
16.9259, 8.5810, 7.3287



0.9112, 0.4579, 0.5784

Previews

White Background



This preview shows how the XYZ color 26.9532, 45.4600, 29.5444 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 26.9532, 45.4600, 29.5444 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

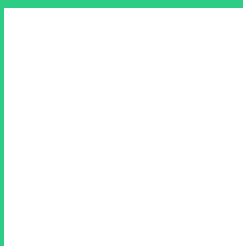
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9532, 45.4600, 29.5444

Background



This preview shows how black text looks on a background with the XYZ color 26.9532, 45.4600, 29.5444.

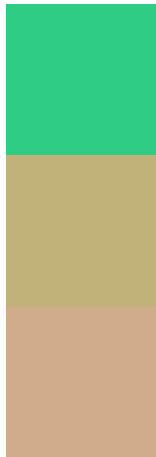


This preview shows how white text looks on a background with the XYZ color 26.9532, 45.4600,

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

26.9532, 45.4600, 29.5444

Protanopia

41.4256, 44.5834, 24.8344

Deuteranopia

45.3090, 44.4292, 30.9986



Tritanopia

34.4919, 45.0757, 67.8553

Trichromacy



Original Color

26.9532, 45.4600, 29.5444



Protanomaly

32.3514, 42.6225, 26.2605



Deuteranomaly

33.8433, 42.0627, 30.0021



Tritanomaly

31.1634, 45.0677, 51.3124

Monochromacy



Original Color

26.9532, 45.4600, 29.5444



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

25.8280, 33.8038, 31.1501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9532, 45.4600, 29.5444 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(46, 204, 133)` looks like.

```
.text, #text, p{  
    color:rgb(46, 204, 133)  
}
```

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(46, 204, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 204, 133) }
```

Border

The CSS property to change the border of an element to XYZ 26.9532, 45.4600, 29.5444 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(46, 204, 133) }
```


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

```
.border{ border-color:rgb(46, 204, 133) }
```

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

Here you see how a box with a 4 pixel rgb(46, 204, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 204, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 204, 133);  
box-shadow:4px 4px 4px 4px rgb(46, 204,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9532, 45.4600, 29.5444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 204, 133) }
```

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

```
.background{ background-color: rgb(46, 204,  
133) }
```

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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