

Converting Colors

XYZ(26.4180, 41.3531, 40.1925)

Have a look what the booklet for
XYZ(26.4180, 41.3531, 40.1925)
contains.

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Color

**XYZ(26.5615, 41.5881,
40.3456)**

Conversions

Conversions Part 1

Format	Color
Hex	27C2A1
RGB	39, 194, 161
RGB Percent	15%, 76%, 63%
CMY	0.8470, 0.2392, 0.3686
CMYK	0.80, 0.00, 0.17, 0.24
HSL	167°, 67%, 46%
HSV	167°, 80%, 76%
XYZ	26.5615, 41.5881, 40.3456
YIQ	143.8930, -81.7870, -43.1230

Conversions

Conversions Part 2

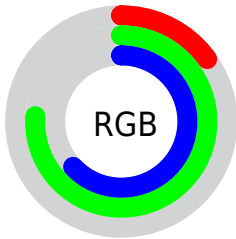
Format	Color
R_{YB}	39, 126, 194
Decimal	2605729
CIE _{Lab}	70.59, -46.32, 5.64
CIE _{LCh}	71, 46.662, 173.064
Yxy	41.5881, 0.2448, 0.3833
Android (android.graphics.Color)	4280795809 (0xFF27C2A1)
YUV	143.8930, 8.4338, -91.9912
Hunter-Lab	64.4888, -39.3353, 8.0491

Details

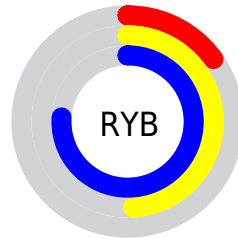
The XYZ color **26.5615, 41.5881, 40.3456** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **24.1448, 13.3894, 7.4445**, and the grayscale version is **26.4584, 27.8363, 30.3138**.

A 20% lighter version of the original color is **53.5739, 77.3970, 77.0812**, and **12.0471, 19.5910, 17.8983** is the 20% darker color. If you saturate the color by 10%, you get **25.6478, 41.1595, 38.4333**, and if you desaturate by 10%, it is **27.8649, 42.2182, 42.3408**.

Distribution



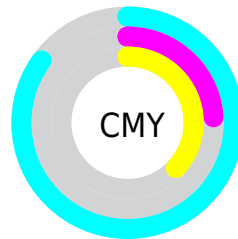
- Red (15%)
- Green (76%)
- Blue (63%)



- Red (15%)
- Yellow (49%)
- Blue (76%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (24%)



- Cyan (85%)
- Magenta (24%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5615, 41.5881, 40.3456 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 26.5615, 41.5881, 40.3456 by changing the saturation by 10% instead.

■ 26.5615, 41.5881,
40.3456

■ 26.5615, 41.5881,
40.3456

277.7341,
352.7726, 363.1734

■ 17.3791, 28.7789,
27.4923

■ 53.6043, 77.5758,
76.9323

■ 10.6021, 18.9136,
17.7076

■ 72.1953, 101.5232,
101.5028

■ 5.8653, 11.6079,
10.5730

■ 94.6533, 129.9520,
130.8161

■ 2.8032, 6.4773,
5.6699

■ 121.3435,
163.2468, 165.2907

■ 1.0506, 3.1374,
2.5799

■ 152.6313,
201.7918, 205.3452

■ 0.0000, 1.2039,
0.8821

188.8821,

■ 0.0000, 0.0649,

245.9715, 251.3981

0.0000

230.4613,
296.1703, 303.8680

■ 0.0000, 0.0000,
0.0000

■ 26.5615, 41.5881,
40.3456

■ 26.5615, 41.5881,
40.3456

■ 25.6478, 41.1595,
38.4333

■ 27.8649, 42.2182,
42.3408

■ 25.0234, 40.8776,
36.5959

■ 29.6049, 43.0711,
44.4189

■ 25.0171, 40.8748,
36.5765

■ 31.8256, 44.1703,
46.5836

■ 34.5645, 45.5352,
48.8370

■ 37.8554, 47.1832,
51.1815

■ 41.7291, 49.1303,
53.6189

■ 46.2144, 51.3911,
56.1512

■ 51.3378, 53.9794,
58.7801

■ 57.1244, 56.9081,
61.5074

Harmonies

Analogous

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



28.8223, 41.5881, 24.2588



26.5615, 41.5881, 40.3456



27.3960, 41.5881, 64.0369

Triad

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



26.5615, 41.5881, 40.3456



45.6257, 41.5881, 96.6623



49.1240, 41.5881, 19.1159

Complementary

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



26.5615, 41.5881, 40.3456



24.1448, 13.3894, 7.4445

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.



54.7989, 41.5881, 30.6016



26.5615, 41.5881, 40.3456



52.6028, 41.5881, 75.8915

Square

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



26.5615, 41.5881, 40.3456



37.7646, 41.5881, 101.8644



56.1483, 41.5881, 50.6063



41.3459, 41.5881, 14.8575

Rectangle

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



26.5615, 41.5881, 40.3456



29.6555, 41.5881, 80.9037



56.1483, 41.5881, 50.6063



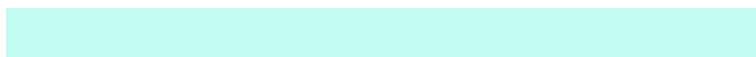
51.3799, 41.5881, 22.0368

Sweetspot

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



26.5627, 41.5897, 40.3466



72.3165, 87.3568, 95.1378



22.3756, 40.1320, 8.4872



15.2894, 18.8553, 20.4845



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.



26.5627, 41.5897, 40.3466



45.6031, 74.1789, 67.0793



21.4954, 26.1675, 54.9586



10.2737, 11.3905, 12.4447



16.4784, 26.8854, 24.2102



0.7355, 1.1711, 1.1699

Inverse Universe

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



24.1448, 13.3894, 7.4445



41.2789, 21.3433, 6.4584



25.7027, 17.7911, 3.9996



10.1590, 10.1122, 10.9279



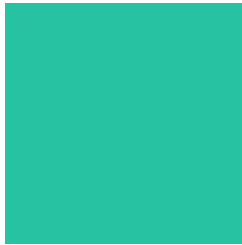
14.9192, 7.6574, 2.2207



0.6707, 0.3413, 0.2332

Previews

White Background



This preview shows how the XYZ color 26.5615, 41.5881, 40.3456 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 26.5615, 41.5881, 40.3456 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

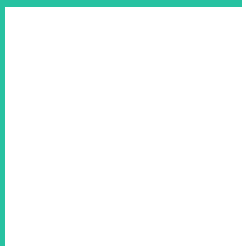
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5615, 41.5881, 40.3456

Background



This preview shows how black text looks on a background with the XYZ color 26.5615, 41.5881, 40.3456.

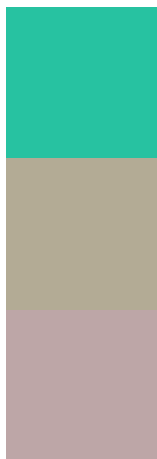


This preview shows how white text looks on a background with the XYZ color 26.5615, 41.5881,

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

26.5615, 41.5881, 40.3456

Protanopia

38.5781, 40.8795, 34.2910

Deuteranopia

41.5975, 40.8813, 42.2577



Tritanopia

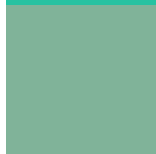
31.0095, 41.4365, 62.8636

Trichromacy



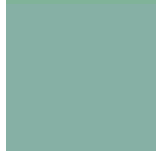
Original Color

26.5615, 41.5881, 40.3456



Protanomaly

30.7720, 39.1293, 36.0678



Deuteranomaly

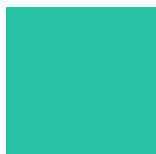
32.1484, 38.8356, 41.3989



Tritanomaly

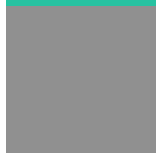
29.1214, 41.2985, 54.0135

Monochromacy



Original Color

26.5615, 41.5881, 40.3456



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

24.3692, 31.1068, 33.5740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5615, 41.5881, 40.3456 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, 194, 161)` looks like.

```
.text, #text, p{  
  color:rgb(39, 194, 161)  
}
```

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, 194, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 194, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.5615, 41.5881, 40.3456 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, 194, 161) }
```


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

```
.border{ border-color:rgb(39, 194, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 194, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 194, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 194, 161);  
box-shadow:4px 4px 4px 4px rgb(39, 194,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5615, 41.5881, 40.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 194, 161) }
```

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

```
.background{ background-color: rgb(39, 194,  
161) }
```

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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