

Converting Colors

XYZ(26.7304, 43.4193, 30.6215)

Have a look what the booklet for
XYZ(26.7304, 43.4193, 30.6215)
contains.

XYZ(26.8632, 43.6451, 30.6754)	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(26.8632, 43.6451,
30.6754)**

Conversions

Conversions Part 1

Format	Color
Hex	3DC789
RGB	61, 199, 137
RGB Percent	24%, 78%, 54%
CMY	0.7608, 0.2196, 0.4627
CMYK	0.69, 0.00, 0.31, 0.22
HSL	153°, 55%, 51%
HSV	153°, 69%, 78%
XYZ	26.8632, 43.6451, 30.6754
YIQ	150.6700, -62.3460, -48.5380

Conversions

Conversions Part 2

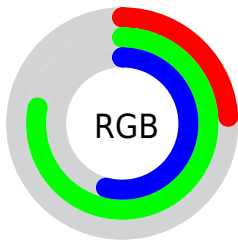
Format	Color
RYB	61, 150, 199
Decimal	4048777
CIELab	71.99, -51.14, 20.60
CIELCh	72, 55.134, 158.064
Yxy	43.6451, 0.2655, 0.4313
Android (android.graphics.Color)	4282238857 (0xFF3DC789)
YUV	150.6700, -6.7393, -78.6406
Hunter-Lab	66.0644, -43.0309, 18.7153

Details

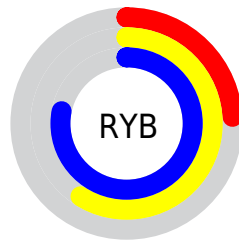
The XYZ color **26.8632, 43.6451, 30.6754** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **28.7984, 16.9105, 20.4865**, and the grayscale version is **29.3223, 30.8493, 33.5949**.

A 20% lighter version of the original color is **53.6214, 79.6416, 61.8364**, and **11.6936, 20.6346, 12.3834** is the 20% darker color. If you saturate the color by 10%, you get **25.2431, 42.8821, 27.3898**, and if you desaturate by 10%, it is **28.9931, 44.6671, 34.2643**.

Distribution



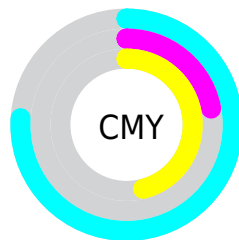
- Red (24%)
- Green (78%)
- Blue (54%)



- Red (24%)
- Yellow (59%)
- Blue (78%)



- Cyan (69%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)





- Cyan (76%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8632, 43.6451, 30.6754 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 26.8632, 43.6451, 30.6754 by changing the saturation by 10% instead.


 26.8632, 43.6451,
30.6754


 26.8632, 43.6451,
30.6754


279.1738,
361.2581, 319.3448


 17.6066, 30.3916,
20.0954


 54.0857, 80.6834,
61.8022


 10.7659, 20.1360,
12.2797


 72.7823, 105.2371,
83.1862


 5.9757, 12.4940,
6.8096


 95.3562, 134.3262,
109.0085

 2.8709, 7.0810,
3.2667

 122.1729,
168.3352, 139.6877

 1.0858, 3.5128,
1.2324

 153.5976,
207.6485, 175.6424

 0.0132, 1.4050,
0.0054

189.9958,

 0.0000, 0.2204,

252.6505, 217.2912

0.0000

231.7327,
303.7255, 265.0525

■ 0.0000, 0.0000,
0.0000

■ 26.8632, 43.6451,
30.6754

■ 26.8632, 43.6451,
30.6754

■ 25.2431, 42.8821,
27.3898

■ 28.9931, 44.6671,
34.2643

■ 24.0748, 42.3449,
24.3951

■ 31.6757, 45.9665,
38.1621


■ 23.2648, 41.9866,
21.6811


■ 34.9529, 47.5660,
42.3779


■ 23.2167, 41.9654,
21.5128


■ 38.8617, 49.4846,
46.9196

■ 43.4356, 51.7394,
51.7945

 48.7062, 54.3465,
57.0098

 54.7025, 57.3208,
62.5725

 61.4520, 60.6763,
68.4892

 68.9809, 64.4265,
74.7665

Harmonies

Analogous

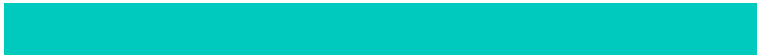
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.2993, 43.6451, 17.2883



26.8632, 43.6451, 30.6754



26.0256, 43.6451, 55.1666

Triad

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



26.8632, 43.6451, 30.6754



44.0731, 43.6451, 119.4943



57.4194, 43.6451, 22.2012

Complementary

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



26.8632, 43.6451, 30.6754



28.7984, 16.9105, 20.4865

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.



62.0974, 43.6451, 40.6185



26.8632, 43.6451, 30.6754



53.6667, 43.6451, 101.1000

Square

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



26.8632, 43.6451, 30.6754



35.0853, 43.6451, 113.6046



60.6292, 43.6451, 69.6244



48.6154, 43.6451, 13.8427

Rectangle

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



26.8632, 43.6451, 30.6754



27.4796, 43.6451, 76.3019



60.6292, 43.6451, 69.6244



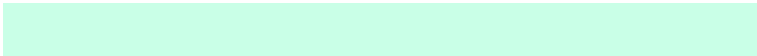
59.5828, 43.6451, 27.0772

Sweetspot

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



26.8644, 43.6468, 30.6764



74.3840, 89.7661, 88.9637



29.4497, 45.4040, 11.6269



15.4293, 18.9710, 18.5243



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.



26.8644, 43.6468, 30.6764



43.1082, 74.5761, 45.3386



31.1062, 42.8606, 60.6684



10.7378, 11.9840, 12.5694



14.9730, 27.0016, 14.0681



0.7451, 1.2930, 0.8564

Inverse Universe

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



28.7984, 16.9105, 20.4865



46.7361, 24.8611, 26.5479



26.4577, 16.6020, 6.2253



10.8286, 10.7148, 12.0808



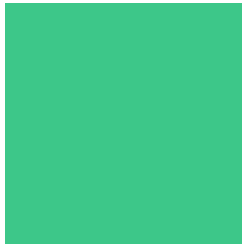
16.3586, 8.2930, 7.0982



0.8109, 0.4072, 0.5276

Previews

White Background



This preview shows how the XYZ color 26.8632, 43.6451, 30.6754 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 26.8632, 43.6451, 30.6754 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

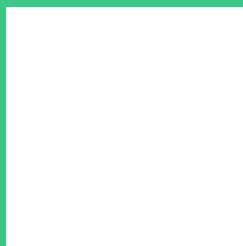
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.8632, 43.6451, 30.6754

Background



This preview shows how black text looks on a background with the XYZ color 26.8632, 43.6451, 30.6754.



This preview shows how white text looks on a background with the XYZ color 26.8632, 43.6451,

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

26.8632, 43.6451, 30.6754

Protanopia

39.8349, 42.8577, 25.9115

Deuteranopia

43.6653, 42.7154, 32.3290



Tritanopia

33.5785, 43.3578, 64.9916

Trichromacy



Original Color

26.8632, 43.6451, 30.6754



Protanomaly

32.3251, 41.6435, 27.4534



Deuteranomaly

33.6903, 40.7426, 31.2877



Tritanomaly

30.5523, 43.0958, 50.4241

Monochromacy



Original Color

26.8632, 43.6451, 30.6754



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

26.6622, 33.9321, 32.3384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8632, 43.6451, 30.6754 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(61, 199, 137)` looks like.

```
.text, #text, p{  
    color:rgb(61, 199, 137)  
}
```

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(61, 199, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 199, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.8632, 43.6451, 30.6754 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(61, 199, 137) }
```


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

```
.border{ border-color:rgb(61, 199, 137) }
```

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

Here you see how a box with a 4 pixel rgb(61, 199, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 199, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 199, 137);  
box-shadow:4px 4px 4px 4px rgb(61, 199,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8632, 43.6451, 30.6754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 199, 137) }
```

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

```
.background{ background-color: rgb(61, 199,  
137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor