

Converting Colors

XYZ(27.6275, 43.1571, 43.8937)

Have a look what the booklet for
XYZ(27.6275, 43.1571, 43.8937)
contains.

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Color

**XYZ(27.5696, 43.0357,
43.8994)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1EC5A8 |
| RGB | 30, 197, 168 |
| RGB Percent | 12%, 77%, 66% |
| CMY | 0.8823, 0.2274, 0.3412 |
| CMYK | 0.85, 0.00, 0.15, 0.23 |
| HSL | 170°, 74%, 45% |
| HSV | 170°, 85%, 77% |
| XYZ | 27.5696, 43.0357, 43.8994 |
| YIQ | 143.7610, -90.2230, -44.4230 |

Conversions

Conversions Part 2

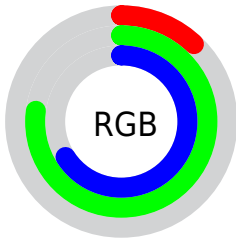
| Format | Color |
|-------------------------------------|---|
| RYB | 30, 121, 197 |
| Decimal | 2016680 |
| CIELab | 71.58, -46.52, 3.25 |
| CIELCh | 72, 46.631, 176.006 |
| Yxy | 43.0357, 0.2408, 0.3758 |
| Android (android.graphics.Color) | 4280206760 (0xFF1EC5A8) |
| YUV | 143.7610, 11.9498, -99.7684 |
| Hunter-Lab | 65.6016, -39.7867, 6.2453 |

Details

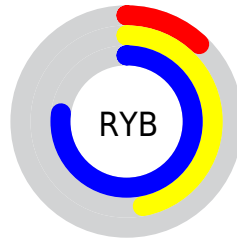
The XYZ color **27.5696, 43.0357, 43.8994** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **24.2812, 13.1159, 5.3917**, and the grayscale version is **26.3948, 27.7694, 30.2409**.

A 20% lighter version of the original color is **55.0678, 79.4625, 82.2475**, and **12.8254, 20.6070, 19.8246** is the 20% darker color. If you saturate the color by 10%, you get **26.8494, 42.7018, 42.2244**, and if you desaturate by 10%, it is **28.6594, 43.5612, 45.6374**.

Distribution



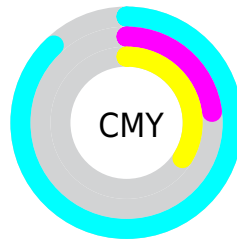
- Red (12%)
- Green (77%)
- Blue (66%)



- Red (12%)
- Yellow (47%)
- Blue (77%)



- Cyan (85%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)





- Cyan (88%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5696, 43.0357, 43.8994 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 27.5696, 43.0357, 43.8994 by changing the saturation by 10% instead.


 27.5696, 43.0357,
43.8994


 27.5696, 43.0357,
43.8994


282.5221,
358.7586, 378.3269


 18.1403, 29.9131,
30.2548


 55.2100, 79.7647,
82.3672


 11.1510, 19.7727,
19.7784


 74.1518, 104.1400,
108.0275


 6.2366, 12.2299,
12.0516


 96.9951, 133.0349,
138.5301

 3.0315, 6.9004,
6.6558

 124.1053,
166.8339, 174.2936

 1.1704, 3.3999,
3.1727

 155.8478,
205.9214, 215.7365

 0.0828, 1.3439,
1.1835

192.5878,

 0.0000, 0.1748,

250.6817, 263.2773

0.0000

234.6908,
301.4993, 317.3346

■ 0.0000, 0.0000,
0.0000

■ 27.5696, 43.0357,
43.8994

■ 27.5696, 43.0357,
43.8994

■ 26.8494, 42.7018,
42.2244

■ 28.6594, 43.5612,
45.6374

■ 26.5589, 42.5707,
41.3683

■ 30.1733, 44.3034,
47.4384

■ 32.1605, 45.2885,
49.3061

■ 34.6622, 46.5379,
51.2425

■ 37.7153, 48.0706,
53.2498

■ 41.3532, 49.9038,
55.3300

■ 45.6067, 52.0532,
57.4846

■ 50.5043, 54.5337,
59.7153

■ 56.0728, 57.3590,
62.0238

Harmonies

Analogous

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



29.5797, 43.0357, 26.5363



27.5696, 43.0357, 43.8994



28.7373, 43.0357, 68.5868

Triad

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



27.5696, 43.0357, 43.8994



47.9169, 43.0357, 97.7056



49.9780, 43.0357, 19.2949

Complementary

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



27.5696, 43.0357, 43.8994



24.2812, 13.1159, 5.3917

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.



56.0959, 43.0357, 30.2850



27.5696, 43.0357, 43.8994



54.8028, 43.0357, 75.5624

Square

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



27.5696, 43.0357, 43.8994



39.8574, 43.0357, 104.8761



57.9654, 43.0357, 49.9478



41.9691, 43.0357, 15.5234

Rectangle

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



27.5696, 43.0357, 43.8994



31.2530, 43.0357, 85.5418



57.9654, 43.0357, 49.9478



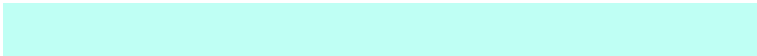
52.3619, 43.0357, 22.0522

Sweetspot

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



27.5708, 43.0374, 43.9004



73.6270, 89.1561, 98.8592



22.1032, 41.0081, 7.9797



15.2404, 18.8214, 20.8728



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.



27.5708, 43.0374, 43.9004



47.4819, 76.2088, 73.6468



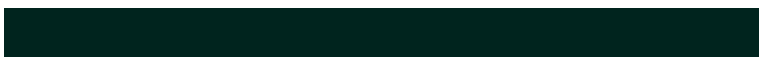
20.6062, 24.2915, 56.4279



10.8646, 12.0347, 13.2371



17.4958, 28.0107, 27.3532



0.8498, 1.3349, 1.4079

Inverse Universe

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



24.2812, 13.1159, 5.3917



41.7000, 21.4440, 4.3525



26.3465, 18.1349, 3.3410



10.7078, 10.6665, 11.4446



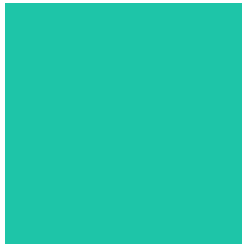
15.3590, 7.8932, 1.8343



0.7511, 0.3833, 0.2124

Previews

White Background



This preview shows how the XYZ color 27.5696, 43.0357, 43.8994 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 27.5696, 43.0357, 43.8994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

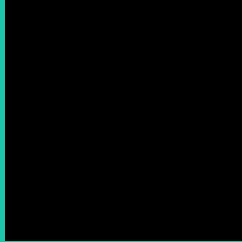
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

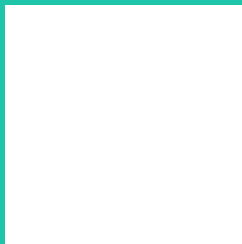
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5696, 43.0357, 43.8994

Background



This preview shows how black text looks on a background with the XYZ color 27.5696, 43.0357, 43.8994.

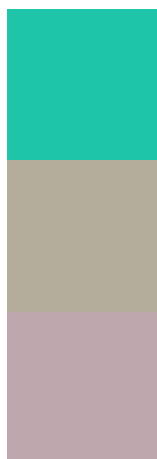


This preview shows how white text looks on a background with the XYZ color 27.5696, 43.0357,

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

27.5696, 43.0357, 43.8994

Protanopia

39.9160, 42.0775, 37.0283

Deuteranopia

42.8778, 42.0084, 45.8929



Tritanopia

32.0366, 43.1964, 65.6807

Trichromacy



Original Color

27.5696, 43.0357, 43.8994



Protanomaly

31.6773, 40.4296, 39.3918



Deuteranomaly

33.0822, 40.1243, 45.0309



Tritanomaly

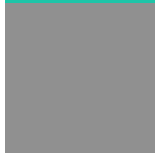
30.2328, 43.1119, 57.1801

Monochromacy



Original Color

27.5696, 43.0357, 43.8994



Achromatopsia

26.5089, 27.8894, 30.3716



Achromatomaly

24.4405, 31.3779, 34.9054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5696, 43.0357, 43.8994 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(30, 197, 168)` looks like.

```
.text, #text, p{  
    color:rgb(30, 197, 168)  
}
```

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(30, 197, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 197, 168) }
```

Border

The CSS property to change the border of an element to XYZ 27.5696, 43.0357, 43.8994 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(30, 197, 168) }
```


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

```
.border{ border-color:rgb(30, 197, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 197, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 197, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 197, 168);  
box-shadow:4px 4px 4px 4px rgb(30, 197,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5696, 43.0357, 43.8994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 197, 168) }
```

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

```
.background{ background-color: rgb(30, 197,  
168) }
```

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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