

Converting Colors

XYZ(29.4324, 43.3902, 56.1141)

Have a look what the booklet for
XYZ(29.4324, 43.3902, 56.1141)
contains.

XYZ(29.4324, 43.3902, 56.1141)	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(29.4324, 43.3902,
56.1141)**

Conversions

Conversions Part 1

Format	Color
Hex	14C4BF
RGB	20, 196, 191
RGB Percent	8%, 77%, 75%
CMY	0.9215, 0.2314, 0.2510
CMYK	0.90, 0.00, 0.03, 0.23
HSL	178°, 81%, 42%
HSV	178°, 90%, 77%
XYZ	29.4324, 43.3902, 56.1141
YIQ	142.8060, -103.2910, -38.8670

Conversions

Conversions Part 2

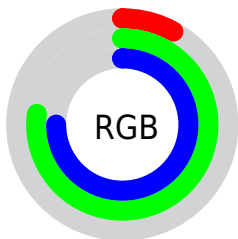
Format	Color
R _Y B	20, 109, 196
Decimal	1361087
CIE Lab	71.82, -40.26, -8.94
CIE LCh	72, 41.239, 192.517
Yxy	43.3902, 0.2283, 0.3365
Android (android.graphics.Color)	4279551167 (0xFF14C4BF)
YUV	142.8060, 23.7596, -107.7009
Hunter-Lab	65.8712, -35.5178, -4.3978

Details

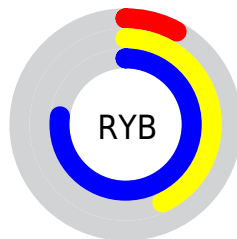
The XYZ color **29.4324, 43.3902, 56.1141** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **23.1921, 12.3076, 2.0744**, and the grayscale version is **25.9723, 27.3248, 29.7568**.

A 20% lighter version of the original color is **57.9772, 80.0918, 100.3992**, and **14.1123, 20.8847, 27.3321** is the 20% darker color. If you saturate the color by 10%, you get **29.0888, 43.2211, 55.7796**, and if you desaturate by 10%, it is **30.0667, 43.7110, 56.4654**.

Distribution



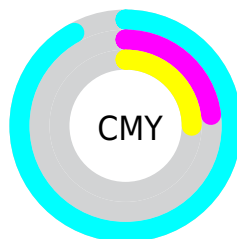
- Red (8%)
- Green (77%)
- Blue (75%)



- Red (8%)
- Yellow (43%)
- Blue (77%)



- Cyan (90%)
- Magenta (0%)
- Yellow (3%)
- Black (23%)



- Cyan (92%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4324, 43.3902, 56.1141 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 29.4324, 43.3902, 56.1141 by changing the saturation by 10% instead.

■ 29.4324, 43.3902,
56.1141

■ 29.4324, 43.3902,
56.1141

291.2072,
360.2140, 427.5217

■ 19.5541, 30.1914,
39.8898

■ 58.1562, 80.2994,
100.6588

■ 12.1777, 19.9839,
27.1395

■ 77.7324, 104.7785,
129.8164

■ 6.9379, 12.3833,
17.4447

■ 101.2719,
133.7865, 164.1221

■ 3.4693, 7.0053,
10.3867

■ 129.1402,
167.7079, 203.9944

■ 1.4065, 3.4654,
5.5472

■ 161.7025,
206.9269, 249.8521

■ 0.2609, 1.3793,
2.5075

199.3242,

■ 0.0000, 0.2014,

251.8280, 302.1134

0.8441

242.3707,
302.7956, 361.1972

■ 0.0000, 0.0000,
0.0000

■ 29.4324, 43.3902,
56.1141

■ 29.4324, 43.3902,
56.1141

■ 29.0888, 43.2211,
55.7796

■ 30.0667, 43.7110,
56.4654

■ 29.0822, 43.2178,
55.7723

■ 31.0848, 44.2288,
56.8350

■ 32.5397, 44.9716,
57.2262

■ 34.4749, 45.9621,
57.6411

■ 36.9289, 47.2200,
58.0815

■ 39.9363, 48.7631,
58.5490

■ 43.5285, 50.6077,
59.0451

■ 47.7348, 52.7688,
59.5712

■ 52.5822, 55.2605,
60.1285

Harmonies

Analogous

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



29.6745, 43.3902, 36.5703



29.4324, 43.3902, 56.1141



32.0825, 43.3902, 78.4286

Triad

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



29.4324, 43.3902, 56.1141



51.0373, 43.3902, 81.7920



45.4245, 43.3902, 19.1619

Complementary

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



29.4324, 43.3902, 56.1141



23.1921, 12.3076, 2.0744

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.



51.9953, 43.3902, 25.6640



29.4324, 43.3902, 56.1141



55.4795, 43.3902, 59.8167

Square

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



29.4324, 43.3902, 56.1141



44.2318, 43.3902, 95.8376



55.8487, 43.3902, 39.3626



38.3883, 43.3902, 18.6914

Rectangle

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



29.4324, 43.3902, 56.1141



35.3282, 43.3902, 90.4316



55.8487, 43.3902, 39.3626



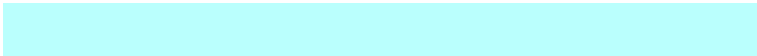
47.7795, 43.3902, 20.6067

Sweetspot

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



29.4337, 43.3918, 56.1151



73.7827, 89.0725, 106.2685



20.2903, 39.7500, 7.2660



15.3445, 18.8352, 22.6808



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.



29.4337, 43.3918, 56.1151



52.6649, 78.2820, 100.9399



16.2569, 16.1421, 54.4852



10.3558, 11.4234, 12.8768



18.6917, 27.7707, 35.8650



0.8116, 1.2015, 1.5705

Inverse Universe

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



23.1921, 12.3076, 2.0744



41.2797, 21.2759, 2.1391



27.6581, 21.3185, 3.3201



10.0845, 10.0824, 10.5357



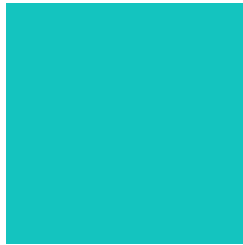
14.6525, 7.5508, 0.8163



0.6372, 0.3279, 0.0568

Previews

White Background



This preview shows how the XYZ color 29.4324, 43.3902, 56.1141 looks on a white background.

Color Contrast Check

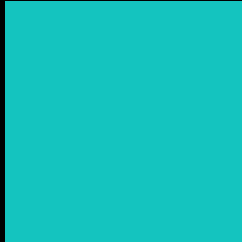
Large Text (above 18pt) WCAG AA × Fail

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 29.4324, 43.3902, 56.1141 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

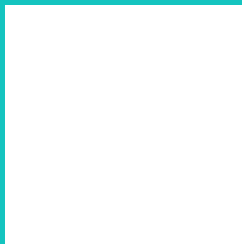
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4324, 43.3902, 56.1141

Background



This preview shows how black text looks on a background with the XYZ color 29.4324, 43.3902, 56.1141.

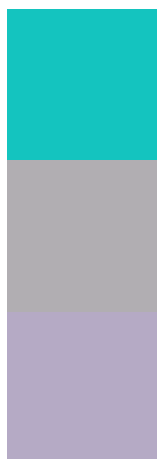


This preview shows how white text looks on a background with the XYZ color 29.4324, 43.3902,

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

29.4324, 43.3902, 56.1141

Protanopia

41.3034, 42.8336, 48.2103

Deuteranopia

43.5088, 42.6044, 58.7536



Tritanopia

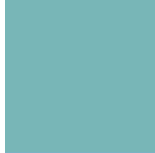
31.6173, 43.2789, 67.0088

Trichromacy



Original Color

29.4324, 43.3902, 56.1141



Protanomaly

33.0209, 40.8679, 50.9476



Deuteranomaly

33.9965, 40.3179, 57.6201



Tritanomaly

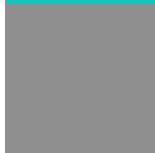
30.6456, 43.2052, 62.6014

Monochromacy



Original Color

29.4324, 43.3902, 56.1141



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

24.3025, 30.9754, 37.9557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4324, 43.3902, 56.1141 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(20, 196, 191)` looks like.

```
.text, #text, p{  
    color:rgb(20, 196, 191)  
}
```

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(20, 196, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 196, 191) }
```

Border

The CSS property to change the border of an element to XYZ 29.4324, 43.3902, 56.1141 is called "border". The border property can be set on classes, ids or directly on the HTML element.

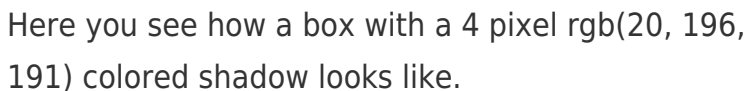
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(20, 196, 191) }
```


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

```
.border{ border-color:rgb(20, 196, 191) }
```

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



Here you see how a box with a 4 pixel `rgb(20, 196, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 196, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 196, 191);  
box-shadow:4px 4px 4px 4px rgb(20, 196,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4324, 43.3902, 56.1141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 196, 191) }
```

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

```
.background{ background-color: rgb(20, 196,  
191) }
```

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