

Converting Colors

XYZ(29.5897, 44.1956, 53.9848)

Have a look what the booklet for
XYZ(29.5897, 44.1956, 53.9848)
contains.

XYZ(29.5897, 44.1956, 53.9848)	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(29.5897, 44.1956,
53.9848)**

Conversions

Conversions Part 1

Format	Color
Hex	1AC6BB
RGB	26, 198, 187
RGB Percent	10%, 78%, 73%
CMY	0.8980, 0.2235, 0.2667
CMYK	0.87, 0.00, 0.06, 0.22
HSL	176°, 77%, 44%
HSV	176°, 87%, 78%
XYZ	29.5897, 44.1956, 53.9848
YIQ	145.3180, -98.9810, -39.8850

Conversions

Conversions Part 2

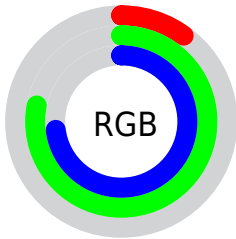
Format	Color
RYB	26, 115, 198
Decimal	1754811
CIELab	72.36, -41.98, -5.95
CIELCh	72, 42.404, 188.069
Yxy	44.1956, 0.2316, 0.3459
Android (android.graphics.Color)	4279944891 (0xFF1AC6BB)
YUV	145.3180, 20.5492, -104.6419
Hunter-Lab	66.4798, -36.8904, -1.6105

Details

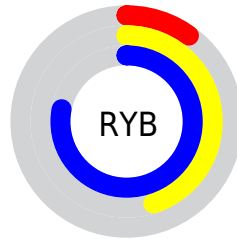
The XYZ color **29.5897, 44.1956, 53.9848** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **23.9935, 12.8794, 2.9732**, and the grayscale version is **26.9935, 28.3992, 30.9268**.

A 20% lighter version of the original color is **58.2443, 81.2423, 97.4055**, and **14.1255, 21.3662, 25.9338** is the 20% darker color. If you saturate the color by 10%, you get **29.1073, 43.9635, 53.2584**, and if you desaturate by 10%, it is **30.4193, 44.6085, 54.7356**.

Distribution



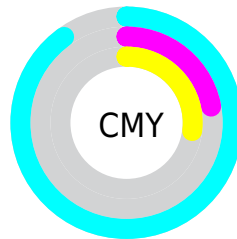
- Red (10%)
- Green (78%)
- Blue (73%)



- Red (10%)
- Yellow (45%)
- Blue (78%)



- Cyan (87%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (90%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5897, 44.1956, 53.9848 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 29.5897, 44.1956, 53.9848 by changing the saturation by 10% instead.

■ 29.5897, 44.1956,
53.9848

■ 29.5897, 44.1956,
53.9848

291.9315,
363.5059, 419.2250

■ 19.6739, 30.8243,
38.1964

■ 58.4038, 81.5120,
97.5081

■ 12.2651, 20.4651,
25.8322

■ 78.0328, 106.2259,
126.0801

■ 6.9980, 12.7336,
16.4735

■ 101.6302,
135.4894, 159.7504

■ 3.5072, 7.2453,
9.7018

■ 129.5615,
169.6870, 198.9375

■ 1.4273, 3.6160,
5.0987

■ 162.1919,
209.2031, 244.0600

■ 0.2755, 1.4612,
2.2455

199.8868,

■ 0.0000, 0.2612,

254.4220, 295.5364

0.7005

243.0115,
305.7281, 353.7852

■ 0.0000, 0.0000,
0.0000

■ 29.5897, 44.1956,
53.9848

■ 29.5897, 44.1956,
53.9848

■ 29.1073, 43.9635,
53.2584

■ 30.4193, 44.6085,
54.7356

■ 28.9874, 43.9065,
53.0328

■ 31.6594, 45.2319,
55.5110

■ 33.3613, 46.0933,
56.3142

■ 35.5681, 47.2148,
57.1473

■ 38.3180, 48.6161,
58.0121

■ 41.6453, 50.3150,
58.9103

■ 45.5816, 52.3276,
59.8433

■ 50.1561, 54.6692,
60.8126

■ 55.3964, 57.3538,
61.8194

Harmonies

Analogous

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



30.2890, 44.1956, 34.6193



29.5897, 44.1956, 53.9848



31.9004, 44.1956, 77.3947

Triad

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



29.5897, 44.1956, 53.9848



51.2657, 44.1956, 87.1958



47.4680, 44.1956, 19.6423

Complementary

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



29.5897, 44.1956, 53.9848



23.9935, 12.8794, 2.9732

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.



54.0493, 44.1956, 27.3534



29.5897, 44.1956, 53.9848



56.4127, 44.1956, 64.7443

Square

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



29.5897, 44.1956, 53.9848



44.0069, 44.1956, 99.8791



57.4863, 44.1956, 42.6989



40.0679, 44.1956, 18.2931

Rectangle

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



29.5897, 44.1956, 53.9848



35.0140, 44.1956, 90.9150



57.4863, 44.1956, 42.6989



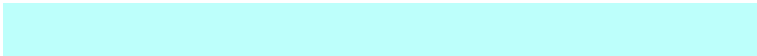
49.8732, 44.1956, 21.4402

Sweetspot

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



29.5910, 44.1973, 53.9859



74.0465, 89.2503, 104.3921



21.1618, 40.8665, 7.7510



15.3761, 18.8617, 22.2228



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.



29.5910, 44.1973, 53.9859



51.2940, 77.7336, 93.7208



17.7620, 18.5815, 56.0783



10.9163, 12.0554, 13.5093



18.8627, 28.5575, 34.5514



0.9022, 1.3558, 1.6838

Inverse Universe

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



23.9935, 12.8794, 2.9732



41.3359, 21.2983, 2.4349



28.0857, 21.3000, 3.6094



10.6609, 10.6478, 11.1977



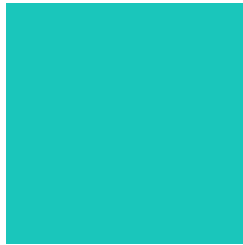
15.2025, 7.8305, 1.0100



0.7296, 0.3747, 0.0994

Previews

White Background



This preview shows how the XYZ color 29.5897, 44.1956, 53.9848 looks on a white background.

Color Contrast Check

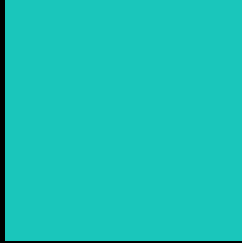
Large Text (above 18pt) WCAG AA × Fail

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 29.5897, 44.1956, 53.9848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

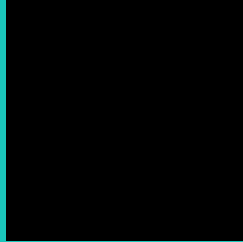
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

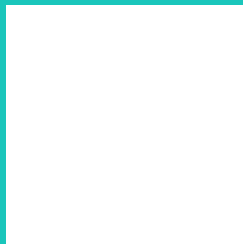
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5897, 44.1956, 53.9848

Background



This preview shows how black text looks on a background with the XYZ color 29.5897, 44.1956, 53.9848.

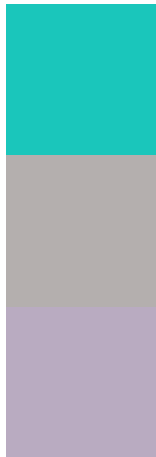


This preview shows how white text looks on a background with the XYZ color 29.5897, 44.1956,

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

29.5897, 44.1956, 53.9848

Protanopia

41.7923, 43.4192, 46.2225

Deuteranopia

44.1961, 43.2904, 56.4786



Tritanopia

32.5132, 44.3872, 67.8267

Trichromacy



Original Color

29.5897, 44.1956, 53.9848



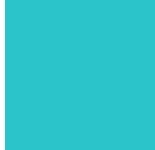
Protanomaly

33.3823, 41.4067, 48.8807



Deuteranomaly

34.6802, 41.3214, 55.4382



Tritanomaly

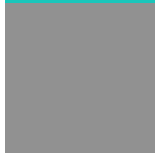
31.3554, 44.2364, 62.7630

Monochromacy



Original Color

29.5897, 44.1956, 53.9848



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

25.1001, 31.9138, 38.0948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5897, 44.1956, 53.9848 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(26, 198, 187)` looks like.

```
.text, #text, p{  
    color:rgb(26, 198, 187)  
}
```

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(26, 198, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 198, 187) }
```

Border

The CSS property to change the border of an element to XYZ 29.5897, 44.1956, 53.9848 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(26, 198, 187) }
```


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

```
.border{ border-color:rgb(26, 198, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 198, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(26, 198, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(26, 198, 187); box-shadow:4px 4px 4px 4px rgb(26, 198, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5897, 44.1956, 53.9848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 198, 187) }
```

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

```
.background{ background-color: rgb(26, 198,  
187) }
```

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