

Converting Colors

XYZ(29.5463, 43.1151, 56.0550)

Have a look what the booklet for
XYZ(29.5463, 43.1151, 56.0550)
contains.

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Color

**XYZ(29.5463, 43.1151,
56.0550)**

Conversions

Conversions Part 1

Format	Color
Hex	21C3BF
RGB	33, 195, 191
RGB Percent	13%, 76%, 75%
CMY	0.8705, 0.2353, 0.2510
CMYK	0.83, 0.00, 0.02, 0.24
HSL	179°, 71%, 45%
HSV	179°, 83%, 76%
XYZ	29.5463, 43.1151, 56.0550
YIQ	146.1060, -95.2680, -35.5880

Conversions

Conversions Part 2

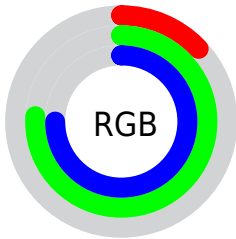
Format	Color
R_{YB}	33, 115, 195
Decimal	2212799
CIE _{Lab}	71.63, -39.02, -9.20
CIE _{LCh}	72, 40.091, 193.269
Yxy	43.1151, 0.2295, 0.3350
Android (android.graphics.Color)	4280402879 (0xFF21C3BF)
YUV	146.1060, 22.1327, -99.1940
Hunter-Lab	65.6621, -34.5881, -4.6518

Details

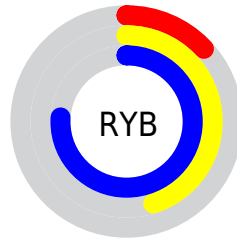
The XYZ color **29.5463, 43.1151, 56.0550** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **23.3849, 12.8248, 2.9947**, and the grayscale version is **27.3077, 28.7298, 31.2868**.

A 20% lighter version of the original color is **58.2810, 79.7810, 100.3232**, and **14.1123, 20.8847, 27.3321** is the 20% darker color. If you saturate the color by 10%, you get **29.0406, 42.8615, 55.7560**, and if you desaturate by 10%, it is **30.4159, 43.5582, 56.3739**.

Distribution



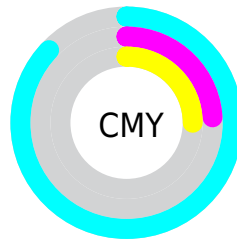
- Red (13%)
- Green (76%)
- Blue (75%)



- Red (13%)
- Yellow (45%)
- Blue (76%)



- Cyan (83%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (87%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5463, 43.1151, 56.0550 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 29.5463, 43.1151, 56.0550 by changing the saturation by 10% instead.

■ 29.5463, 43.1151,
56.0550

■ 29.5463, 43.1151,
56.0550

291.7318,
359.0849, 427.2929

■ 19.6408, 29.9754,
39.8427

■ 58.3355, 79.8845,
100.5716

■ 12.2410, 19.8199,
27.1031

■ 77.9499, 104.2831,
129.7130

■ 6.9814, 12.2642,
17.4175

■ 101.5314,
133.2034, 164.0012

■ 3.4967, 6.9239,
10.3675

■ 129.4453,
167.0298, 203.8547

■ 1.4215, 3.4145,
5.5345

■ 162.0569,
206.1468, 249.6921

■ 0.2715, 1.3518,
2.5000

199.7316,

■ 0.0000, 0.1808,

250.9387, 301.9319

0.8402

242.8348,
301.7899, 360.9926

■ 0.0000, 0.0000,
0.0000

■ 29.5463, 43.1151,
56.0550

■ 29.5463, 43.1151,
56.0550

■ 29.0406, 42.8615,
55.7560

■ 30.4159, 43.5582,
56.3739

■ 28.8303, 42.7573,
55.5552

■ 31.7001, 44.2141,
56.7121

■ 33.4453, 45.1076,
57.0728

■ 35.6912, 46.2592,
57.4579

■ 38.4728, 47.6870,
57.8689

■ 41.8223, 49.4074,
58.3074

■ 45.7691, 51.4358,
58.7748

■ 50.3407, 53.7863,
59.2724

■ 55.5630, 56.4722,
59.8013

Harmonies

Analogous

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



29.7107, 43.1151, 36.9877



29.5463, 43.1151, 56.0550



32.1938, 43.1151, 77.4999

Triad

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



29.5463, 43.1151, 56.0550



50.5897, 43.1151, 79.7517



44.8520, 43.1151, 19.4810

Complementary

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



29.5463, 43.1151, 56.0550



23.3849, 12.8248, 2.9947

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.



51.2340, 43.1151, 25.7071



29.5463, 43.1151, 56.0550



54.7888, 43.1151, 58.5459

Square

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



29.5463, 43.1151, 56.0550



44.0480, 43.1151, 93.5193



55.0369, 43.1151, 38.8797



38.0571, 43.1151, 19.1577

Rectangle

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



29.5463, 43.1151, 56.0550



35.3861, 43.1151, 88.8553



55.0369, 43.1151, 38.8797



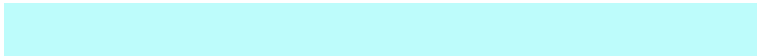
47.1336, 43.1151, 20.8539

Sweetspot

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



29.5476, 43.1167, 56.0560



73.4174, 87.7240, 104.2396



20.6053, 39.5614, 7.9902



15.5998, 18.9652, 22.7654



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.



29.5476, 43.1167, 56.0560



51.6193, 76.5708, 99.4200



17.1241, 17.5552, 54.1174



10.3575, 11.4240, 12.8856



18.7424, 27.7910, 36.1323



0.8133, 1.2022, 1.5794

Inverse Universe

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



23.3849, 12.8248, 2.9947



40.3422, 20.7932, 2.0663



28.2083, 22.5667, 4.3092



10.0831, 10.0818, 10.5279



14.6492, 7.5494, 0.7990



0.6365, 0.3276, 0.0532

Previews

White Background



This preview shows how the XYZ color 29.5463, 43.1151, 56.0550 looks on a white background.

Color Contrast Check

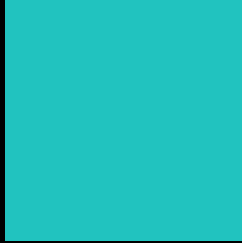
Large Text (above 18pt) WCAG AA × Fail

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 29.5463, 43.1151, 56.0550 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

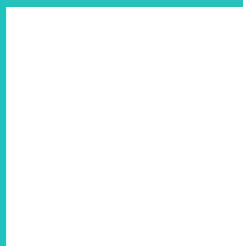
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5463, 43.1151, 56.0550

Background



This preview shows how black text looks on a background with the XYZ color 29.5463, 43.1151, 56.0550.

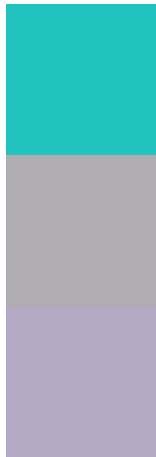


This preview shows how white text looks on a background with the XYZ color 29.5463, 43.1151,

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

29.5463, 43.1151, 56.0550

Protanopia

40.8839, 42.3316, 48.1355

Deuteranopia

43.2752, 42.4840, 58.7427



Tritanopia

31.5014, 42.9063, 66.2960

Trichromacy



Original Color

29.5463, 43.1151, 56.0550



Protanomaly

33.3833, 40.7517, 50.9061



Deuteranomaly

34.7228, 40.6924, 57.6541



Tritanomaly

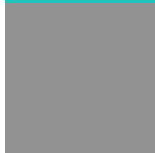
30.7269, 42.9178, 62.5416

Monochromacy



Original Color

29.5463, 43.1151, 56.0550



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.6227, 32.1628, 39.0400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5463, 43.1151, 56.0550 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(33, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(33, 195, 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(33, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 195, 191) }
```

Border

The CSS property to change the border of an element to XYZ 29.5463, 43.1151, 56.0550 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(33, 195, 191) }
```


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

```
.border{ border-color:rgb(33, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 195, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 195, 191);  
box-shadow:4px 4px 4px 4px rgb(33, 195,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5463, 43.1151, 56.0550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 195, 191) }
```

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

```
.background{ background-color: rgb(33, 195,  
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](#).

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