

Converting Colors

XYZ(29.1864, 43.1428, 47.6426)

Have a look what the booklet for
XYZ(29.1864, 43.1428, 47.6426)
contains.

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Color

**XYZ(29.2151, 43.1255,
47.8585)**

Conversions

Conversions Part 1

Format	Color
Hex	3CC3B0
RGB	60, 195, 176
RGB Percent	24%, 76%, 69%
CMY	0.7647, 0.2353, 0.3098
CMYK	0.69, 0.00, 0.10, 0.24
HSL	172°, 53%, 50%
HSV	172°, 69%, 76%
XYZ	29.2151, 43.1255, 47.8585
YIQ	152.4690, -74.3610, -34.5290

Conversions

Conversions Part 2

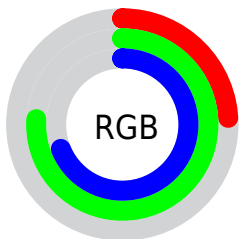
Format	Color
RYB	60, 133, 195
Decimal	3982256
CIELab	71.64, -40.32, -0.96
CIELCh	72, 40.333, 181.366
Yxy	43.1255, 0.2431, 0.3588
Android (android.graphics.Color)	4282172336 (0xFF3CC3B0)
YUV	152.4690, 11.6008, -81.0953
Hunter-Lab	65.6700, -35.5119, 2.7601

Details

The XYZ color **29.2151, 43.1255, 47.8585** 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 **25.5343, 15.3996, 9.0255**, and the grayscale version is **30.0236, 31.5872, 34.3985**.

A 20% lighter version of the original color is **57.8333, 79.8070, 88.7001**, and **13.0162, 20.2114, 22.2839** is the 20% darker color. If you saturate the color by 10%, you get **27.9784, 42.5200, 46.3980**, and if you desaturate by 10%, it is **30.8937, 43.9602, 49.3703**.

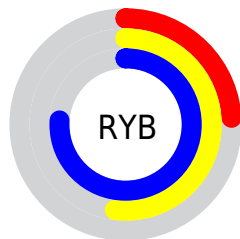
Distribution



Red (24%)

Green (76%)

Blue (69%)



Red (24%)

Yellow (52%)

Blue (76%)

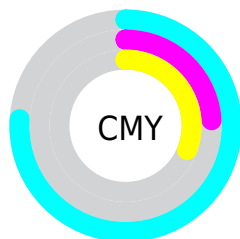


Cyan (69%)

Magenta (0%)

Yellow (10%)

Black (24%)



Cyan (76%)

Magenta (24%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2151, 43.1255, 47.8585 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 29.2151, 43.1255, 47.8585 by changing the saturation by 10% instead.

■ 29.2151, 43.1255,
47.8585

■ 29.2151, 43.1255,
47.8585

290.2044,
359.1276, 394.7235

■ 19.3887, 29.9836,
33.3556

■ 57.8139, 79.9002,
88.3570

■ 12.0571, 19.8261,
22.1257

■ 77.3169, 104.3018,
115.1898

■ 6.8551, 12.2687,
13.7501

■ 100.7763,
133.2254, 146.9696

■ 3.4172, 6.9270,
7.8103

■ 128.5572,
167.0555, 184.1151

■ 1.3780, 3.4165,
3.8878

■ 161.0252,
206.1763, 227.0446

■ 0.2405, 1.3528,
1.5640

198.5455,

■ 0.0000, 0.1816,

250.9723, 276.1768

0.2649

241.4834,
301.8280, 331.9303

■ 0.0000, 0.0000,
0.0000

■ 29.2151, 43.1255,
47.8585

■ 29.2151, 43.1255,
47.8585

■ 27.9784, 42.5200,
46.3980

■ 30.8937, 43.9602,
49.3703

■ 27.1294, 42.1128,
44.9832

■ 33.0532, 45.0411,
50.9324

■ 26.5808, 41.8598,
43.6108

■ 35.7327, 46.3895,
52.5479

■ 26.5423, 41.8422,
43.5062

■ 38.9660, 48.0227,
54.2184

■ 42.7842, 49.9567,
55.9457

■ 47.2160, 52.2065,
57.7312

■ 52.2882, 54.7857,
59.5762

■ 58.0260, 57.7074,
61.4823

■ 64.4534, 60.9839,
63.4505

Harmonies

Analogous

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



30.5121, 43.1255, 31.1440



29.2151, 43.1255, 47.8585



30.7699, 43.1255, 69.3731

Triad

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



29.2151, 43.1255, 47.8585



48.2102, 43.1255, 86.9360



47.6086, 43.1255, 21.0817

Complementary

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



29.2151, 43.1255, 47.8585



25.5343, 15.3996, 9.0255

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.



53.2531, 43.1255, 29.9779



29.2151, 43.1255, 47.8585



53.6267, 43.1255, 67.3784

Square

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



29.2151, 43.1255, 47.8585



41.3033, 43.1255, 95.4702



55.5659, 43.1255, 46.0656



40.6773, 43.1255, 18.5045

Rectangle

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



29.2151, 43.1255, 47.8585



33.3266, 43.1255, 82.8787



55.5659, 43.1255, 46.0656



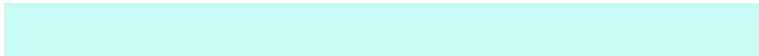
49.7452, 43.1255, 23.2827

Sweetspot

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



29.2163, 43.1272, 47.8595



75.1004, 88.6974, 99.5385



23.6616, 41.0746, 10.9571



16.0146, 19.2051, 21.6062



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.



29.2163, 43.1272, 47.8595



49.2581, 75.7409, 81.8045



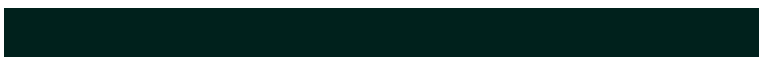
22.2661, 26.0041, 55.4774



10.3056, 11.4033, 12.6126



17.2739, 27.2036, 28.3993



0.7635, 1.1822, 1.3172

Inverse Universe

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



25.5343, 15.3996, 9.0255



42.3520, 22.9745, 8.4036



28.6067, 22.4977, 7.1107



10.1297, 10.1005, 10.7734



14.7783, 7.6011, 1.4787



0.6576, 0.3360, 0.1642

Previews

White Background



This preview shows how the XYZ color 29.2151, 43.1255, 47.8585 looks on a white background.

Color Contrast Check

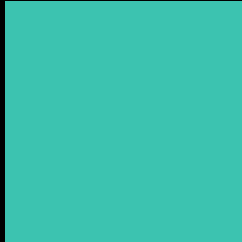
Large Text (above 18pt) WCAG AA × Fail

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 29.2151, 43.1255, 47.8585 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

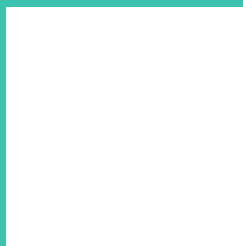
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2151, 43.1255, 47.8585

Background



This preview shows how black text looks on a background with the XYZ color 29.2151, 43.1255, 47.8585.

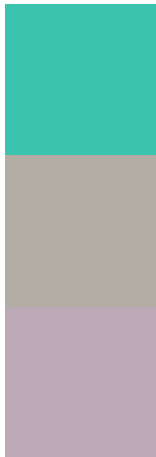


This preview shows how white text looks on a background with the XYZ color 29.2151, 43.1255,

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

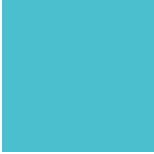
29.2151, 43.1255, 47.8585

Protanopia

40.4668, 42.2708, 41.1482

Deuteranopia

43.3705, 42.4447, 50.1627



Tritanopia

32.6730, 43.2137, 65.0115

Trichromacy



Original Color

29.2151, 43.1255, 47.8585



Protanomaly

33.7451, 41.1091, 43.2021



Deuteranomaly

35.1431, 40.7988, 49.2027



Tritanomaly

31.2258, 42.9415, 58.2725

Monochromacy



Original Color

29.2151, 43.1255, 47.8585



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

28.0434, 34.5004, 38.8994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2151, 43.1255, 47.8585 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(60, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(60, 195, 176)  
}
```

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(60, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 195, 176) }
```

Border

The CSS property to change the border of an element to XYZ 29.2151, 43.1255, 47.8585 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(60, 195, 176) }
```


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

```
.border{ border-color:rgb(60, 195, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 195, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(60, 195,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2151, 43.1255, 47.8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 195, 176) }
```

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

```
.background{ background-color: rgb(60, 195,  
176) }
```

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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