

Converting Colors

XYZ(29.5783, 42.4028, 44.1617)

Have a look what the booklet for
XYZ(29.5783, 42.4028, 44.1617)
contains.

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Color

**XYZ(29.5783, 42.4028,
44.1617)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53C0A9 |
| RGB | 83, 192, 169 |
| RGB Percent | 33%, 75%, 66% |
| CMY | 0.6745, 0.2470, 0.3372 |
| CMYK | 0.57, 0.00, 0.12, 0.25 |
| HSL | 167°, 46%, 54% |
| HSV | 167°, 57%, 75% |
| XYZ | 29.5783, 42.4028, 44.1617 |
| YIQ | 156.7870, -57.5810, -30.2610 |

Conversions

Conversions Part 2

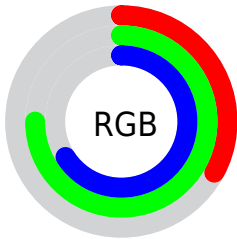
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 83, 144, 192 |
| Decimal | 5488809 |
| CIELab | 71.15, -36.81, 2.21 |
| CIELCh | 71, 36.873, 176.563 |
| Yxy | 42.4028, 0.2547, 0.3651 |
| Android (android.graphics.Color) | 4283678889 (0xFF53C0A9) |
| YUV | 156.7870, 6.0210, -64.7112 |
| Hunter-Lab | 65.1174, -32.8754, 5.3726 |

Details

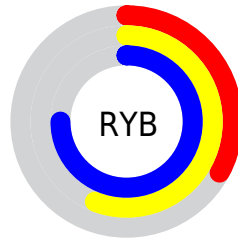
The XYZ color **29.5783, 42.4028, 44.1617** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **27.4344, 18.4347, 15.7495**, and the grayscale version is **31.9455, 33.6091, 36.6003**.

A 20% lighter version of the original color is **58.3147, 78.7959, 82.6566**, and **12.2994, 19.4613, 19.9378** is the 20% darker color. If you saturate the color by 10%, you get **27.7389, 41.4989, 42.1214**, and if you desaturate by 10%, it is **31.9009, 43.5566, 46.2881**.

Distribution



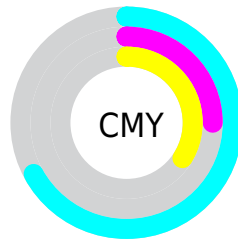
- Red (33%)
- Green (75%)
- Blue (66%)



- Red (33%)
- Yellow (56%)
- Blue (75%)



- Cyan (57%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)





- Cyan (67%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5783, 42.4028, 44.1617 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 29.5783, 42.4028, 44.1617 by changing the saturation by 10% instead.


 29.5783, 42.4028,
44.1617


 29.5783, 42.4028,
44.1617


291.8791,
356.1500, 379.4284


 19.6652, 29.4168,
30.4595


 58.3859, 78.8089,
82.7661


 12.2588, 19.3964,
19.9326


 78.0110, 102.9978,
108.5054

 6.9936, 11.9570,
12.1625


 101.6043,
131.6898, 139.0941

 3.5044, 6.7144,
6.7306

 129.5310,
165.2693, 174.9508

 1.4258, 3.2842,
3.2183

162.1564,
204.1206, 216.4940

 0.2745, 1.2818,
1.2071

199.8460,

 0.0000, 0.1271,

248.6283, 264.1424

0.0000

242.9651,
299.1766, 318.3143

■ 0.0000, 0.0000,
0.0000

■ 29.5783, 42.4028,
44.1617

■ 29.5783, 42.4028,
44.1617

■ 27.7389, 41.4989,
42.1214

■ 31.9009, 43.5566,
46.2881

■ 26.3392, 40.8192,
40.1617

■ 34.7386, 44.9734,
48.4997

■ 25.3339, 40.3416,
38.2809

■ 38.1243, 46.6714,
50.7995

■ 24.6608, 40.0338,
36.4755

■ 42.0876, 48.6658,
53.1896

■ 24.4758, 39.9508,
35.9066

■ 46.6556, 50.9704,
55.6716

■ 51.8538, 53.5986,
58.2474

■ 57.7062, 56.5626,
60.9184

■ 64.2356, 59.8741,
63.6863

■ 71.1663, 63.3911,
66.5387

Harmonies

Analogous

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



31.1875, 42.4028, 29.8585



29.5783, 42.4028, 44.1617



30.5916, 42.4028, 63.0988

Triad

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



29.5783, 42.4028, 44.1617



45.8465, 42.4028, 83.7338



47.2025, 42.4028, 23.2167

Complementary

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



29.5783, 42.4028, 44.1617



27.4344, 18.4347, 15.7495

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.



51.8777, 42.4028, 32.5763



29.5783, 42.4028, 44.1617



51.0403, 42.4028, 67.5456

Square

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



29.5783, 42.4028, 44.1617



39.5953, 42.4028, 89.0892



53.3486, 42.4028, 48.2371



41.0182, 42.4028, 19.8727

Rectangle

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



29.5783, 42.4028, 44.1617



32.6807, 42.4028, 75.5108



53.3486, 42.4028, 48.2371



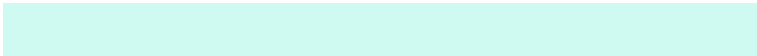
49.0260, 42.4028, 25.6246

Sweetspot

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



29.5795, 42.4045, 44.1627



75.8708, 87.9816, 96.1515



26.4297, 41.4276, 14.7877



15.9489, 18.7098, 20.4373



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.5795, 42.4045, 44.1627



49.6028, 74.8702, 75.4821



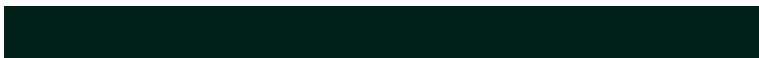
25.8482, 31.1768, 54.5264



10.2746, 11.3909, 12.4491



16.4982, 26.8933, 24.3143



0.7362, 1.1713, 1.1736

Inverse Universe

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



27.4344, 18.4347, 15.7495



45.3972, 27.2951, 19.3464



29.3051, 23.8406, 11.2415



10.1582, 10.1119, 10.9238



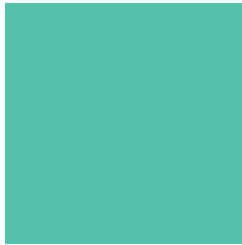
14.9148, 7.6557, 2.1975



0.6703, 0.3411, 0.2314

Previews

White Background



This preview shows how the XYZ color 29.5783, 42.4028, 44.1617 looks on a white background.

Color Contrast Check

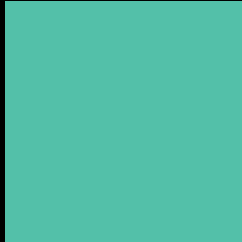
Large Text (above 18pt) WCAG AA × Fail

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 29.5783, 42.4028, 44.1617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

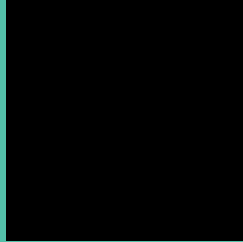
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

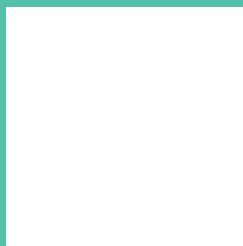
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5783, 42.4028, 44.1617

Background



This preview shows how black text looks on a background with the XYZ color 29.5783, 42.4028, 44.1617.

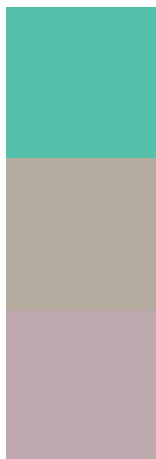


This preview shows how white text looks on a background with the XYZ color 29.5783, 42.4028,

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

29.5783, 42.4028, 44.1617

Protanopia

39.7465, 41.6770, 38.2973

Deuteranopia

42.6289, 41.8801, 45.8813



Tritanopia

33.1503, 42.2378, 62.2826

Trichromacy



Original Color

29.5783, 42.4028, 44.1617



Protanomaly

34.3187, 40.8686, 40.2621



Deuteranomaly

35.7462, 40.9069, 45.0415



Tritanomaly

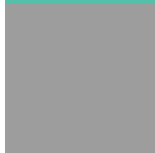
31.8062, 42.3370, 55.2107

Monochromacy



Original Color

29.5783, 42.4028, 44.1617



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

30.0137, 36.0685, 39.0982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5783, 42.4028, 44.1617 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(83, 192, 169)` looks like.

```
.text, #text, p{  
    color:rgb(83, 192, 169)  
}
```

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(83, 192, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 192, 169) }
```

Border

The CSS property to change the border of an element to XYZ 29.5783, 42.4028, 44.1617 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(83, 192, 169) }
```


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

```
.border{ border-color:rgb(83, 192, 169) }
```

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

Here you see how a box with a 4 pixel rgb(83, 192, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 192, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 192, 169);  
box-shadow:4px 4px 4px 4px rgb(83, 192,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5783, 42.4028, 44.1617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 192, 169) }
```

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

```
.background{ background-color: rgb(83, 192,  
169) }
```

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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