

Converting Colors

XYZ(30.2018, 48.2582, 43.7994)

Have a look what the booklet for
XYZ(30.2018, 48.2582, 43.7994)
contains.

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Color

**XYZ(30.2018, 48.2582,
43.7994)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 25D0A6 |
| RGB | 37, 208, 166 |
| RGB Percent | 15%, 82%, 65% |
| CMY | 0.8549, 0.1843, 0.3490 |
| CMYK | 0.82, 0.00, 0.20, 0.18 |
| HSL | 165°, 70%, 48% |
| HSV | 165°, 82%, 82% |
| XYZ | 30.2018, 48.2582, 43.7994 |
| YIQ | 152.0830, -88.4340, -49.3140 |

Conversions

Conversions Part 2

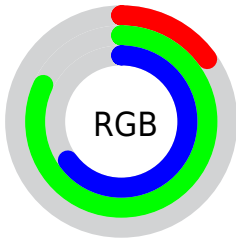
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 37, 134, 208 |
| Decimal | 2478246 |
| CIE Lab | 74.99, -50.99, 9.24 |
| CIE LCh | 75, 51.823, 169.733 |
| Yxy | 48.2582, 0.2470, 0.3947 |
| Android (android.graphics.Color) | 4280668326 (0xFF25D0A6) |
| YUV | 152.0830, 6.8611, -100.9278 |
| Hunter-Lab | 69.4681, -43.9650, 11.2456 |

Details

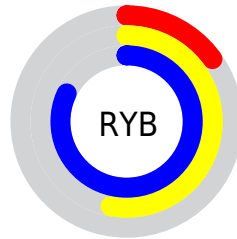
The XYZ color **30.2018, 48.2582, 43.7994** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **28.0870, 15.2989, 8.8723**, and the grayscale version is **29.8816, 31.4378, 34.2357**.

A 20% lighter version of the original color is **55.7506, 80.3179, 80.9711**, and **14.2655, 23.6714, 19.7368** is the 20% darker color. If you saturate the color by 10%, you get **29.1975, 47.7948, 41.3550**, and if you desaturate by 10%, it is **31.6520, 48.9517, 46.3640**.

Distribution



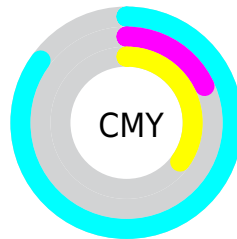
- Red (15%)
- Green (82%)
- Blue (65%)



- Red (15%)
- Yellow (53%)
- Blue (82%)



- Cyan (82%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (85%)
- Magenta (18%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2018, 48.2582, 43.7994 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 30.2018, 48.2582, 43.7994 by changing the saturation by 10% instead.

30.2018, 48.2582,
43.7994

30.2018, 48.2582,
43.7994

294.7369,
379.8147, 377.9064

20.1406, 34.0314,
30.1768

59.3656, 87.5887,
82.2151

12.6062, 22.9177,
19.7196

79.1990, 113.4612,
107.8452

7.2330, 14.5328,
12.0094

103.0204,
143.9844, 138.3149

3.6559, 8.4921,
6.6274

131.1954,
179.5427, 174.0428

1.5094, 4.4114,
3.1553

164.0891,
220.5205, 215.4473

0.3322, 1.9063,
1.1745

202.0671,

0.0000, 0.5521,

267.3021, 262.9471

0.0000

245.4946,
320.2721, 316.9606

■ 0.0000, 0.0000,
0.0000

■ 30.2018, 48.2582,
43.7994

■ 30.2018, 48.2582,
43.7994

■ 29.1975, 47.7948,
41.3550

■ 31.6520, 48.9517,
46.3640

■ 28.6348, 47.5446,
39.5260

■ 33.6073, 49.9023,
49.0495

■ 36.1218, 51.1390,
51.8606

■ 39.2417, 52.6855,
54.8005

■ 43.0079, 54.5630,
57.8721

■ 47.4580, 56.7907,
61.0782

■ 52.6265, 59.3866,
64.4215

■ 58.5456, 62.3670,
67.9044

■ 65.2456, 65.7477,
71.5294

Harmonies

Analogous

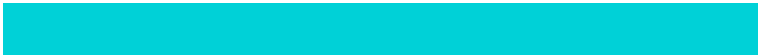
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.3456, 48.2582, 25.5621



30.2018, 48.2582, 43.7994



30.7934, 48.2582, 72.1613

Triad

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



30.2018, 48.2582, 43.7994



52.2852, 48.2582, 118.3824



58.6527, 48.2582, 21.9845

Complementary

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



30.2018, 48.2582, 43.7994



28.0870, 15.2989, 8.8723

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.



65.2000, 48.2582, 36.8508



30.2018, 48.2582, 43.7994



61.1882, 48.2582, 93.9012

Square

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



30.2018, 48.2582, 43.7994



42.7029, 48.2582, 122.2462



66.1868, 48.2582, 62.3835



49.1857, 48.2582, 16.1559

Rectangle

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



30.2018, 48.2582, 43.7994



33.2577, 48.2582, 93.3551



66.1868, 48.2582, 62.3835



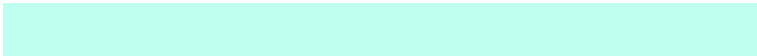
61.3202, 48.2582, 25.7926

Sweetspot

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



30.2031, 48.2601, 43.8005



72.9392, 88.8810, 95.2370



26.1788, 46.9420, 9.4322



15.0742, 18.7550, 19.9977



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.



30.2031, 48.2601, 43.8005



45.4164, 75.3862, 62.6033



25.6502, 31.9503, 64.4917



12.0291, 13.3554, 14.5095



17.8862, 29.6474, 24.8447



1.0304, 1.6698, 1.5490

Inverse Universe

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



28.0870, 15.2989, 8.8723



42.2091, 21.6919, 6.8968



29.1985, 19.2462, 3.9272



11.9261, 11.8552, 12.8868



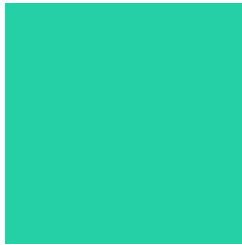
16.6186, 8.5203, 2.8978



0.9614, 0.4893, 0.3316

Previews

White Background



This preview shows how the XYZ color 30.2018, 48.2582, 43.7994 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 30.2018, 48.2582, 43.7994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

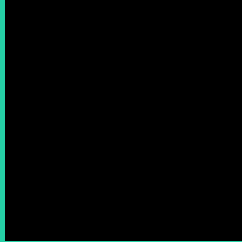
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

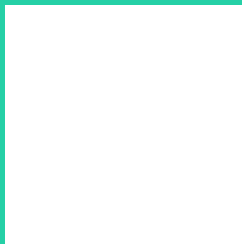
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2018, 48.2582, 43.7994

Background



This preview shows how black text looks on a background with the XYZ color 30.2018, 48.2582, 43.7994.

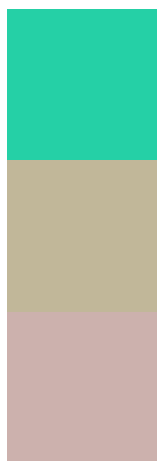


This preview shows how white text looks on a background with the XYZ color 30.2018, 48.2582,

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

30.2018, 48.2582, 43.7994

Protanopia

44.6756, 47.5043, 36.9516

Deuteranopia

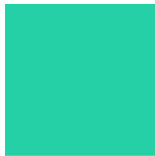
48.1668, 47.2988, 46.1261



Tritanopia

36.0096, 48.1226, 73.0363

Trichromacy



Original Color

30.2018, 48.2582, 43.7994



Protanomaly

35.1745, 45.4021, 39.2573



Deuteranomaly

36.5666, 44.7084, 44.7325



Tritanomaly

33.5895, 48.1928, 60.9579

Monochromacy



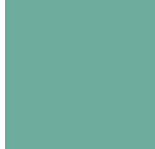
Original Color

30.2018, 48.2582, 43.7994



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

27.2687, 35.2544, 37.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2018, 48.2582, 43.7994 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(37, 208, 166)` looks like.

```
.text, #text, p{  
    color:rgb(37, 208, 166)  
}
```

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(37, 208, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 208, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.2018, 48.2582, 43.7994 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(37, 208, 166) }
```


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

```
.border{ border-color:rgb(37, 208, 166) }
```

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

Here you see how a box with a 4 pixel rgb(37, 208, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 208, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 208, 166);  
box-shadow:4px 4px 4px 4px rgb(37, 208,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2018, 48.2582, 43.7994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 208, 166) }
```

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

```
.background{ background-color: rgb(37, 208,  
166) }
```

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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