

Converting Colors

XYZ(27.5379, 44.1372, 39.2741)

Have a look what the booklet for
XYZ(27.5379, 44.1372, 39.2741)
contains.

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Color

**XYZ(27.5888, 44.1705,
39.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	25C89E
RGB	37, 200, 158
RGB Percent	15%, 78%, 62%
CMY	0.8549, 0.2157, 0.3804
CMYK	0.81, 0.00, 0.21, 0.22
HSL	165°, 69%, 46%
HSV	165°, 81%, 78%
XYZ	27.5888, 44.1705, 39.4194
YIQ	146.4750, -83.6660, -47.6180

Conversions

Conversions Part 2

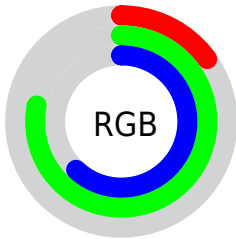
Format	Color
RYB	37, 131, 200
Decimal	2476190
CIELab	72.34, -49.73, 9.77
CIELCh	72, 50.681, 168.884
Yxy	44.1705, 0.2481, 0.3973
Android (android.graphics.Color)	4280666270 (0xFF25C89E)
YUV	146.4750, 5.6818, -96.0096
Hunter-Lab	66.4609, -42.2088, 11.3564

Details

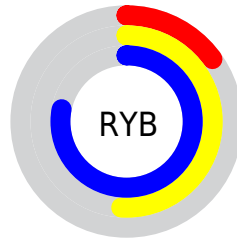
The XYZ color **27.5888, 44.1705, 39.4194** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **25.8938, 14.1682, 8.7693**, and the grayscale version is **27.5204, 28.9536, 31.5305**.

A 20% lighter version of the original color is **54.4523, 79.7688, 75.4778**, and **12.7792, 21.3123, 17.3501** is the 20% darker color. If you saturate the color by 10%, you get **26.6236, 43.7242, 37.1075**, and if you desaturate by 10%, it is **28.9677, 44.8301, 41.8497**.

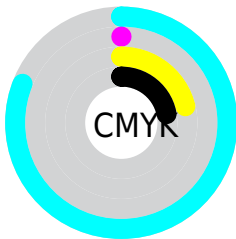
Distribution



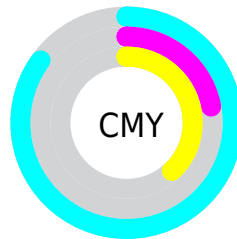
- Red (15%)
- Green (78%)
- Blue (62%)



- Red (15%)
- Yellow (51%)
- Blue (78%)



- Cyan (81%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (85%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5888, 44.1705, 39.4194 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 27.5888, 44.1705, 39.4194 by changing the saturation by 10% instead.

■ 27.5888, 44.1705,
39.4194

■ 27.5888, 44.1705,
39.4194

282.6126,
363.4036, 359.1494

■ 18.1548, 30.8046,
26.7758

■ 55.2405, 81.4742,
75.5060

■ 11.1615, 20.4501,
17.1740

■ 74.1889, 106.1808,
99.7860

■ 6.2437, 12.7226,
10.1953

■ 97.0395, 135.4365,
128.7820

■ 3.0359, 7.2378,
5.4214

■ 124.1577,
169.6255, 162.9124

■ 1.1728, 3.6113,
2.4335

■ 155.9087,
209.1323, 202.5958

■ 0.0847, 1.4586,
0.8046

192.6579,

■ 0.0000, 0.2593,

254.3414, 248.2508

0.0000

234.7708,
305.6370, 300.2958

■ 0.0000, 0.0000,
0.0000

■ 27.5888, 44.1705,
39.4194

■ 27.5888, 44.1705,
39.4194

■ 26.6236, 43.7242,
37.1075

■ 28.9677, 44.8301,
41.8497

■ 26.0372, 43.4629,
35.2271

■ 30.8132, 45.7270,
44.3992

■ 33.1737, 46.8871,
47.0723

■ 36.0906, 48.3319,
49.8719

■ 39.6011, 50.0805,
52.8009

■ 43.7391, 52.1502,
55.8620

■ 48.5356, 54.5571,
59.0577

■ 54.0200, 57.3163,
62.3905

■ 60.2195, 60.4419,
65.8625

Harmonies

Analogous

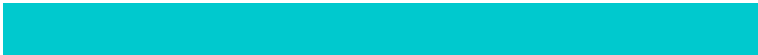
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.5778, 44.1705, 22.9284



27.5888, 44.1705, 39.4194



28.0354, 44.1705, 65.3655

Triad

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



27.5888, 44.1705, 39.4194



47.6452, 44.1705, 109.3199



53.9988, 44.1705, 20.2348

Complementary

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



27.5888, 44.1705, 39.4194



25.8938, 14.1682, 8.7693

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.



59.9248, 44.1705, 34.1695



27.5888, 44.1705, 39.4194



55.9203, 44.1705, 87.0750

Square

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



27.5888, 44.1705, 39.4194



38.8331, 44.1705, 112.2558



60.6730, 44.1705, 57.9565



45.2982, 44.1705, 14.6932

Rectangle

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



27.5888, 44.1705, 39.4194



30.2392, 44.1705, 84.9641



60.6730, 44.1705, 57.9565



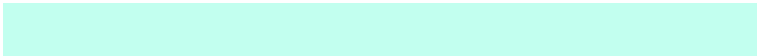
56.4300, 44.1705, 23.8138

Sweetspot

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



27.5900, 44.1722, 39.4204



73.5708, 89.2085, 95.1806



24.3376, 43.1699, 8.8010



15.1902, 18.8156, 19.9620



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.



27.5900, 44.1722, 39.4204



45.1842, 75.2971, 61.2141



24.1043, 30.3944, 59.2418



10.8255, 12.0191, 13.0311



16.5928, 27.6495, 22.5982



0.8139, 1.3205, 1.2189

Inverse Universe

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



25.8938, 14.1682, 8.7693



42.3850, 21.8066, 7.6865



26.6733, 17.4512, 3.7136



10.7442, 10.6811, 11.6361



15.5641, 7.9752, 2.9147



0.7675, 0.3899, 0.2990

Previews

White Background



This preview shows how the XYZ color 27.5888, 44.1705, 39.4194 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 27.5888, 44.1705, 39.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

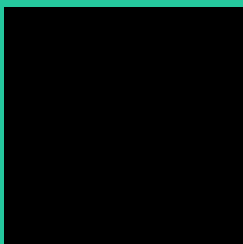
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

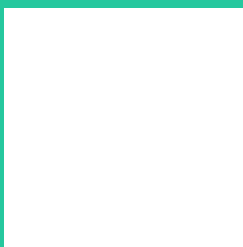
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5888, 44.1705, 39.4194

Background



This preview shows how black text looks on a background with the XYZ color 27.5888, 44.1705, 39.4194.

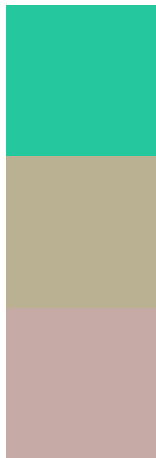


This preview shows how white text looks on a background with the XYZ color 27.5888, 44.1705,

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

27.5888, 44.1705, 39.4194

Protanopia

40.9633, 43.5651, 33.4440

Deuteranopia

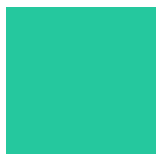
44.1922, 43.3364, 41.6329



Tritanopia

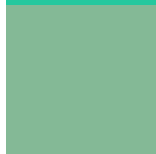
33.1044, 44.0455, 67.0784

Trichromacy



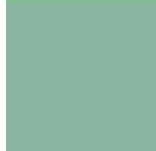
Original Color

27.5888, 44.1705, 39.4194



Protanomaly

32.3697, 41.8055, 35.2174



Deuteranomaly

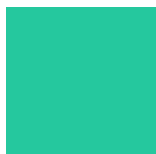
33.6929, 41.1453, 40.3485



Tritanomaly

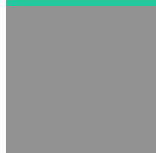
30.7791, 44.0971, 55.6046

Monochromacy



Original Color

27.5888, 44.1705, 39.4194



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.0851, 32.5386, 33.8126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5888, 44.1705, 39.4194 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, 200, 158)` looks like.

```
.text, #text, p{  
    color:rgb(37, 200, 158)  
}
```

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, 200, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 200, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.5888, 44.1705, 39.4194 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, 200, 158) }
```


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

```
.border{ border-color:rgb(37, 200, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 200, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 200, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 200, 158);  
box-shadow:4px 4px 4px 4px rgb(37, 200,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5888, 44.1705, 39.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 200, 158) }
```

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

```
.background{ background-color: rgb(37, 200,  
158) }
```

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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