

Converting Colors

XYZ(27.3277, 42.6785, 39.1452)

Have a look what the booklet for
XYZ(27.3277, 42.6785, 39.1452)
contains.

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Color

**XYZ(27.3277, 42.6785,
39.1452)**

Conversions

Conversions Part 1

Format	Color
Hex	34C49E
RGB	52, 196, 158
RGB Percent	20%, 77%, 62%
CMY	0.7960, 0.2314, 0.3804
CMYK	0.73, 0.00, 0.19, 0.23
HSL	164°, 58%, 49%
HSV	164°, 73%, 77%
XYZ	27.3277, 42.6785, 39.1452
YIQ	148.6120, -73.6260, -42.3460

Conversions

Conversions Part 2

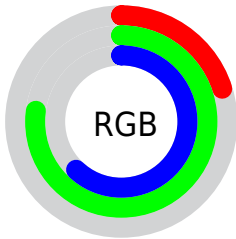
Format	Color
RYB	52, 135, 196
Decimal	3458206
CIELab	71.34, -46.44, 8.37
CIELCh	71, 47.189, 169.786
Yxy	42.6785, 0.2504, 0.3910
Android (android.graphics.Color)	4281648286 (0xFF34C49E)
YUV	148.6120, 4.6283, -84.7287
Hunter-Lab	65.3288, -39.6570, 10.2034

Details

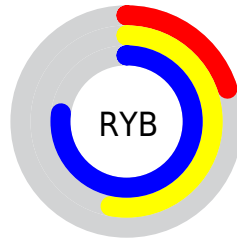
The XYZ color **27.3277, 42.6785, 39.1452** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **25.8399, 14.9312, 11.1950**, and the grayscale version is **28.4089, 29.8884, 32.5485**.

A 20% lighter version of the original color is **54.7433, 78.9766, 75.3095**, and **12.1787, 20.1113, 17.1499** is the 20% darker color. If you saturate the color by 10%, you get **26.0847, 42.0891, 36.8122**, and if you desaturate by 10%, it is **29.0105, 43.4945, 41.5985**.

Distribution



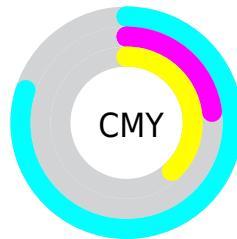
- Red (20%)
- Green (77%)
- Blue (62%)



- Red (20%)
- Yellow (53%)
- Blue (77%)



- Cyan (73%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)



- Cyan (80%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3277, 42.6785, 39.1452 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 27.3277, 42.6785, 39.1452 by changing the saturation by 10% instead.


 27.3277, 42.6785,
39.1452


 27.3277, 42.6785,
39.1452


281.3790,
357.2879, 357.9518


 17.9573, 29.6329,
26.5640


 54.8255, 79.2255,
75.0829


 11.0189, 19.5601,
17.0165


 73.6836, 103.4957,
99.2764


 6.1469, 12.0757,
10.0842


 96.4350, 132.2762,
128.1778

 2.9761, 6.7953,
5.3485

 123.4451,
165.9515, 162.2057

 1.1412, 3.3344,
2.3908

 155.0791,
204.9059, 201.7784

 0.0591, 1.3087,
0.7815

191.7026,

 0.0000, 0.1479,

249.5239, 247.3147

0.0000

233.6808,
300.1898, 299.2330

■ 0.0000, 0.0000,
0.0000

■ 27.3277, 42.6785,
39.1452

■ 27.3277, 42.6785,
39.1452

■ 26.0847, 42.0891,
36.8122

■ 29.0105, 43.4945,
41.5985

■ 25.2219, 41.6926,
34.5927

■ 31.1758, 44.5561,
44.1725

■ 24.7958, 41.5033,
33.2005

■ 33.8653, 45.8856,
46.8712

■ 37.1150, 47.5017,
49.6974

■ 40.9576, 49.4212,
52.6538

■ 45.4233, 51.6596,
55.7428

■ 50.5402, 54.2314,
58.9668

■ 56.3348, 57.1502,
62.3282

■ 62.8318, 60.4288,
65.8291

Harmonies

Analogous

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



29.9951, 42.6785, 23.5850



27.3277, 42.6785, 39.1452



27.8371, 42.6785, 62.8827

Triad

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



27.3277, 42.6785, 39.1452



45.9507, 42.6785, 100.8921



51.2323, 42.6785, 20.4547

Complementary

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



27.3277, 42.6785, 39.1452



25.8399, 14.9312, 11.1950

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.



56.6783, 42.6785, 33.1942



27.3277, 42.6785, 39.1452



53.3643, 42.6785, 80.7686

Square

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



27.3277, 42.6785, 39.1452



37.9193, 42.6785, 104.0890



57.5057, 42.6785, 54.6551



43.3302, 42.6785, 15.3712

Rectangle

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



27.3277, 42.6785, 39.1452



29.9353, 42.6785, 80.4078



57.5057, 42.6785, 54.6551



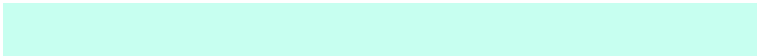
53.4523, 42.6785, 23.7444

Sweetspot

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



27.3289, 42.6802, 39.1462



75.0438, 89.9513, 95.9970



24.6167, 41.9233, 10.0443



15.6210, 19.0324, 20.2249



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.



27.3289, 42.6802, 39.1462



46.2518, 75.7806, 64.2823



24.3724, 30.6992, 56.8673



10.2514, 11.3816, 12.3271



15.9689, 26.6816, 21.5270



0.7171, 1.1637, 1.0730

Inverse Universe

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



25.8399, 14.9312, 11.1950



43.5574, 22.9543, 11.7678



26.6822, 18.5771, 5.4292



10.1799, 10.1206, 11.0379



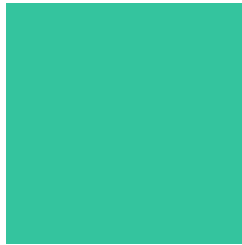
15.0526, 7.7108, 2.9229



0.6799, 0.3450, 0.2820

Previews

White Background



This preview shows how the XYZ color 27.3277, 42.6785, 39.1452 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 27.3277, 42.6785, 39.1452 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

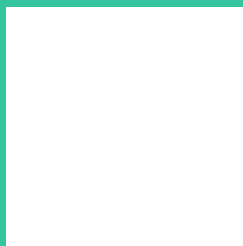
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.3277, 42.6785, 39.1452

Background



This preview shows how black text looks on a background with the XYZ color 27.3277, 42.6785, 39.1452.

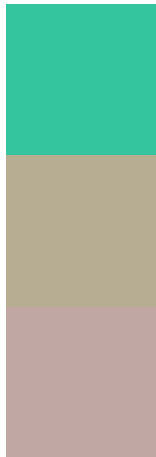


This preview shows how white text looks on a background with the XYZ color 27.3277, 42.6785,

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

27.3277, 42.6785, 39.1452

Protanopia

39.4233, 41.9075, 33.2053

Deuteranopia

42.5119, 41.6552, 40.9216



Tritanopia

32.4134, 42.7712, 64.3049

Trichromacy



Original Color

27.3277, 42.6785, 39.1452



Protanomaly

32.0206, 40.4007, 34.9646



Deuteranomaly

33.5973, 40.2002, 40.1711



Tritanomaly

30.2415, 42.5234, 54.1909

Monochromacy



Original Color

27.3277, 42.6785, 39.1452



Achromatopsia

28.5667, 30.0544, 32.7292



Achromatomaly

26.2431, 33.1168, 34.7148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3277, 42.6785, 39.1452 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(52, 196, 158)` looks like.

```
.text, #text, p{  
    color:rgb(52, 196, 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(52, 196, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 196, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.3277, 42.6785, 39.1452 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(52, 196, 158) }
```


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

```
.border{ border-color:rgb(52, 196, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 196, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 196, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 196, 158);  
box-shadow:4px 4px 4px 4px rgb(52, 196,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3277, 42.6785, 39.1452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 196, 158) }
```

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

```
.background{ background-color: rgb(52, 196,  
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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