

Converting Colors

XYZ(27.4856, 42.0195, 39.4246)

Have a look what the booklet for
XYZ(27.4856, 42.0195, 39.4246)
contains.

XYZ(27.5364, 42.1109, 39.4778)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.5364, 42.1109,
39.4778)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC29F
RGB	62, 194, 159
RGB Percent	24%, 76%, 62%
CMY	0.7568, 0.2392, 0.3765
CMYK	0.68, 0.00, 0.18, 0.24
HSL	164°, 52%, 50%
HSV	164°, 68%, 76%
XYZ	27.5364, 42.1109, 39.4778
YIQ	150.5420, -67.4370, -38.8690

Conversions

Conversions Part 2

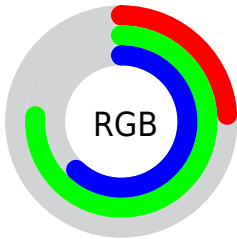
Format	Color
RYB	62, 138, 194
Decimal	4113055
CIELab	70.95, -43.93, 7.30
CIElCh	71, 44.528, 170.570
Yxy	42.1109, 0.2523, 0.3859
Android (android.graphics.Color)	4282303135 (0xFF3EC29F)
YUV	150.5420, 4.1698, -77.6513
Hunter-Lab	64.8929, -37.8186, 9.3558

Details

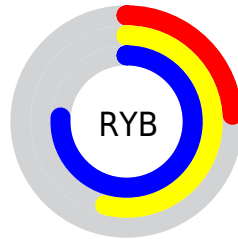
The XYZ color **27.5364, 42.1109, 39.4778** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **26.1298, 15.7787, 12.9793**, and the grayscale version is **29.2244, 30.7464, 33.4828**.

A 20% lighter version of the original color is **55.0922, 78.2094, 75.8106**, and **11.9394, 19.5479, 17.3312** is the 20% darker color. If you saturate the color by 10%, you get **26.0931, 41.4184, 37.1289**, and if you desaturate by 10%, it is **29.4347, 43.0379, 41.9469**.

Distribution



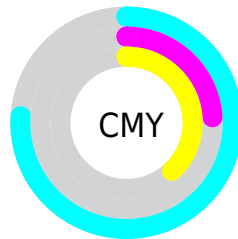
- Red (24%)
- Green (76%)
- Blue (62%)



- Red (24%)
- Yellow (54%)
- Blue (76%)



- Cyan (68%)
- Magenta (0%)
- Yellow (18%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5364, 42.1109, 39.4778 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 27.5364, 42.1109, 39.4778 by changing the saturation by 10% instead.

■ 27.5364, 42.1109,
39.4778

■ 27.5364, 42.1109,
39.4778

282.3654,
354.9425, 359.4041

■ 18.1151, 29.1881,
26.8209

■ 55.1573, 78.3674,
75.5960

■ 11.1329, 19.2232,
17.2075

■ 74.0876, 102.4700,
99.8945

■ 6.2242, 11.8317,
10.2191

■ 96.9183, 131.0680,
128.9106

■ 3.0239, 6.6292,
5.4369

■ 124.0148,
164.5457, 163.0628

■ 1.1664, 3.2313,
2.4427

■ 155.7424,
203.2876, 202.7697

■ 0.0796, 1.2536,
0.8095

192.4664,

■ 0.0000, 0.1049,

247.6781, 248.4499

0.0000

234.5523,
298.1016, 300.5218

■ 0.0000, 0.0000,
0.0000

■ 27.5364, 42.1109,
39.4778

■ 27.5364, 42.1109,
39.4778

■ 26.0931, 41.4184,
37.1289

■ 29.4347, 43.0379,
41.9469

■ 25.0525, 40.9303,
34.8937

■ 31.8263, 44.2160,
44.5363

■ 24.3412, 40.6100,
32.7686

■ 34.7493, 45.6658,
47.2498

■ 24.2171, 40.5549,
32.3636

■ 38.2369, 47.4045,
50.0901

■ 42.3197, 49.4477,
53.0598

■ 47.0259, 51.8101,
56.1612

■ 52.3821, 54.5053,
59.3966

■ 58.4131, 57.5460,
62.7682

■ 65.1425, 60.9444,
66.2781

Harmonies

Analogous

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



29.9859, 42.1109, 24.4888



27.5364, 42.1109, 39.4778



28.0988, 42.1109, 61.7578

Triad

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



27.5364, 42.1109, 39.4778



45.2500, 42.1109, 95.7296



49.7874, 42.1109, 20.9792

Complementary

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



27.5364, 42.1109, 39.4778



26.1298, 15.7787, 12.9793

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.



54.9231, 42.1109, 32.9419



27.5364, 42.1109, 39.4778



52.0870, 42.1109, 77.0060

Square

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



27.5364, 42.1109, 39.4778



37.7329, 42.1109, 99.1224



55.8131, 42.1109, 52.8770



42.4084, 42.1109, 16.2022

Rectangle

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



27.5364, 42.1109, 39.4778



30.1367, 42.1109, 77.8894



55.8131, 42.1109, 52.8770



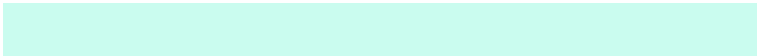
51.8698, 42.1109, 24.0811

Sweetspot

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



27.5376, 42.1126, 39.4788



74.8873, 88.6904, 94.8811



25.1137, 41.4855, 11.2420



15.9262, 19.1853, 20.4383



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.



27.5376, 42.1126, 39.4788



46.1957, 74.5286, 65.1099



24.8583, 31.1862, 55.7502



10.2508, 11.3814, 12.3242



15.9568, 26.6768, 21.4635



0.7167, 1.1635, 1.0707

Inverse Universe

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



26.1298, 15.7787, 12.9793



43.5798, 23.6167, 14.4028



27.0158, 19.6121, 6.9198



10.1804, 10.1208, 11.0407



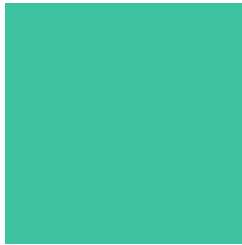
15.0562, 7.7122, 2.9422



0.6802, 0.3451, 0.2832

Previews

White Background



This preview shows how the XYZ color 27.5364, 42.1109, 39.4778 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 27.5364, 42.1109, 39.4778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

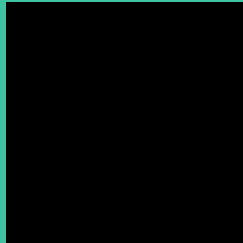
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

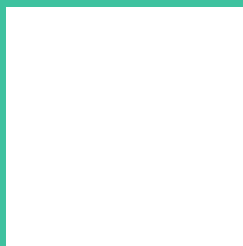
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5364, 42.1109, 39.4778

Background



This preview shows how black text looks on a background with the XYZ color 27.5364, 42.1109, 39.4778.

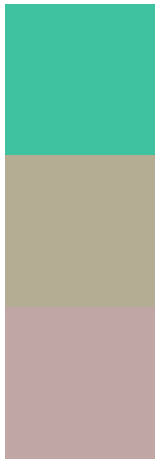


This preview shows how white text looks on a background with the XYZ color 27.5364, 42.1109,

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

27.5364, 42.1109, 39.4778

Protanopia

39.1539, 41.4669, 33.9573

Deuteranopia

42.1660, 41.1955, 41.3265



Tritanopia

32.2424, 42.0721, 62.9213

Trichromacy



Original Color

27.5364, 42.1109, 39.4778



Protanomaly

32.4700, 40.3128, 35.7756



Deuteranomaly

33.8132, 39.7148, 40.5339



Tritanomaly

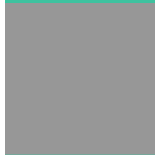
30.2847, 41.9106, 53.5071

Monochromacy



Original Color

27.5364, 42.1109, 39.4778



Achromatopsia

29.4150, 30.9469, 33.7012



Achromatomaly

27.2592, 33.8925, 35.6770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5364, 42.1109, 39.4778 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(62, 194, 159)` looks like.

```
.text, #text, p{  
    color:rgb(62, 194, 159)  
}
```

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(62, 194, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 194, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.5364, 42.1109, 39.4778 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(62, 194, 159) }
```


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

```
.border{ border-color:rgb(62, 194, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 194, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 194, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 194, 159);  
box-shadow:4px 4px 4px 4px rgb(62, 194,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5364, 42.1109, 39.4778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 194, 159) }
```

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

```
.background{ background-color: rgb(62, 194,  
159) }
```

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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