

Converting Colors

XYZ(27.1399, 41.4331, 38.8448)

Have a look what the booklet for
XYZ(27.1399, 41.4331, 38.8448)
contains.

XYZ(27.2281, 41.6327, 38.9486)	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(27.2281, 41.6327,
38.9486)**

Conversions

Conversions Part 1

Format	Color
Hex	3EC19E
RGB	62, 193, 158
RGB Percent	24%, 76%, 62%
CMY	0.7568, 0.2431, 0.3804
CMYK	0.68, 0.00, 0.18, 0.24
HSL	164°, 51%, 50%
HSV	164°, 68%, 76%
XYZ	27.2281, 41.6327, 38.9486
YIQ	149.8410, -66.8410, -38.6570

Conversions

Conversions Part 2

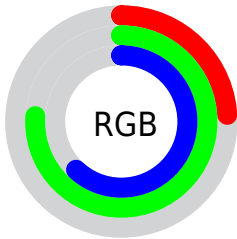
Format	Color
RYB	62, 138, 193
Decimal	4112798
CIELab	70.62, -43.74, 7.37
CIELCh	71, 44.358, 170.441
Yxy	41.6327, 0.2526, 0.3862
Android (android.graphics.Color)	4282302878 (0xFF3EC19E)
YUV	149.8410, 4.0224, -77.0366
Hunter-Lab	64.5234, -37.5911, 9.3769

Details

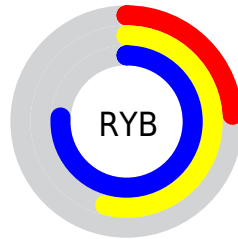
The XYZ color **27.2281, 41.6327, 38.9486** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **25.8740, 15.6468, 12.9671**, and the grayscale version is **28.9269, 30.4333, 33.1419**.

A 20% lighter version of the original color is **54.6533, 77.5353, 75.0361**, and **11.7423, 19.2385, 17.0044** is the 20% darker color. If you saturate the color by 10%, you get **25.7915, 40.9434, 36.6133**, and if you desaturate by 10%, it is **29.1153, 42.5542, 41.4041**.

Distribution



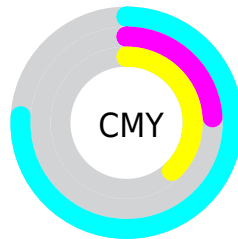
- Red (24%)
- Green (76%)
- Blue (62%)



- 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 27.2281, 41.6327, 38.9486 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 27.2281, 41.6327, 38.9486 by changing the saturation by 10% instead.

■ 27.2281, 41.6327,
38.9486

■ 27.2281, 41.6327,
38.9486

280.9073,
352.9581, 357.0913

■ 17.8821, 28.8138,
26.4122

■ 54.6670, 77.6434,
74.7793

■ 10.9645, 18.9400,
16.9038

■ 73.4906, 101.6040,
98.9106

■ 6.1101, 11.6269,
10.0047

■ 96.2040, 130.0473,
127.7441

■ 2.9534, 6.4902,
5.2964

■ 123.1728,
163.3577, 161.6981

■ 1.1292, 3.1454,
2.3604

■ 154.7621,
201.9196, 201.1914

■ 0.0493, 1.2081,
0.7648

191.3374,

■ 0.0000, 0.0683,

246.1174, 246.6423

0.0000

233.2640,
296.3354, 298.4694

■ 0.0000, 0.0000,
0.0000

■ 27.2281, 41.6327,
38.9486

■ 27.2281, 41.6327,
38.9486

■ 25.7915, 40.9434,
36.6133

■ 29.1153, 42.5542,
41.4041

■ 24.7540, 40.4566,
34.3918

■ 31.4907, 43.7243,
43.9799

■ 24.0445, 40.1368,
32.2806

■ 34.3919, 45.1631,
46.6799

■ 23.9108, 40.0774,
31.8447

■ 37.8517, 46.8877,
49.5066

■ 41.9003, 48.9136,
52.4627

■ 46.5654, 51.2551,
55.5505

■ 51.8734, 53.9256,
58.7723

■ 57.8486, 56.9378,
62.1303

■ 64.5144, 60.3037,
65.6265

Harmonies

Analogous

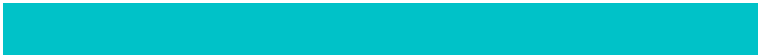
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.6623, 41.6327, 24.1651



27.2281, 41.6327, 38.9486



27.7713, 41.6327, 60.9522

Triad

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



27.2281, 41.6327, 38.9486



44.7037, 41.6327, 94.6928



49.2500, 41.6327, 20.7759

Complementary

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



27.2281, 41.6327, 38.9486



25.8740, 15.6468, 12.9671

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.



54.3127, 41.6327, 32.6365



27.2281, 41.6327, 38.9486



51.4711, 41.6327, 76.2296

Square

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



27.2281, 41.6327, 38.9486



37.2744, 41.6327, 97.9698



55.1722, 41.6327, 52.3750



41.9593, 41.6327, 16.0263

Rectangle

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



27.2281, 41.6327, 38.9486



29.7777, 41.6327, 76.9055



55.1722, 41.6327, 52.3750



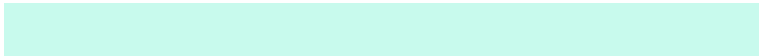
51.3049, 41.6327, 23.8531

Sweetspot

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



27.2293, 41.6343, 38.9496



73.1724, 86.6653, 92.6448



25.0991, 41.1487, 11.1777



15.2499, 18.3683, 19.5520



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.



27.2293, 41.6343, 38.9496



45.2920, 72.9020, 63.7989



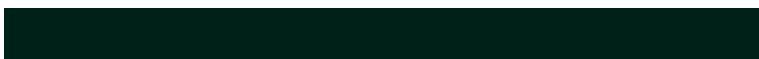
24.9996, 31.6481, 55.2451



10.2499, 11.3810, 12.3195



15.9375, 26.6691, 21.3619



0.7160, 1.1632, 1.0670

Inverse Universe

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



25.8740, 15.6468, 12.9671



42.8011, 23.3279, 14.7045



26.5517, 19.0636, 6.8382



10.1813, 10.1211, 11.0450



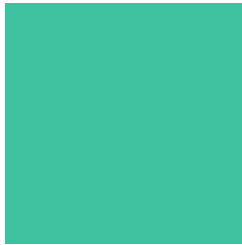
15.0622, 7.7146, 2.9734



0.6805, 0.3452, 0.2851

Previews

White Background



This preview shows how the XYZ color 27.2281, 41.6327, 38.9486 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 27.2281, 41.6327, 38.9486 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 27.2281, 41.6327, 38.9486

Background



This preview shows how black text looks on a background with the XYZ color 27.2281, 41.6327, 38.9486.



This preview shows how white text looks on a background with the XYZ color 27.2281, 41.6327,

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

27.2281, 41.6327, 38.9486

Protanopia

38.6518, 40.9357, 33.4680

Deuteranopia

41.8229, 41.0291, 40.8371



Tritanopia

31.8243, 41.5542, 62.2206

Trichromacy



Original Color

27.2281, 41.6327, 38.9486



Protanomaly

32.0225, 39.7929, 35.2712



Deuteranomaly

33.5485, 39.5886, 40.0556



Tritanomaly

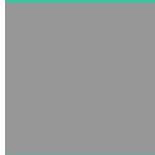
29.8846, 41.3962, 52.8696

Monochromacy



Original Color

27.2281, 41.6327, 38.9486



Achromatopsia

28.9890, 30.4987, 33.2131



Achromatomaly

26.8572, 33.4239, 35.1729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2281, 41.6327, 38.9486 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, 193, 158)` looks like.

```
.text, #text, p{  
    color:rgb(62, 193, 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(62, 193, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 193, 158) }
```

Border

The CSS property to change the border of an element to XYZ 27.2281, 41.6327, 38.9486 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, 193, 158) }
```


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

```
.border{ border-color:rgb(62, 193, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 193, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 193, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 193, 158);  
box-shadow:4px 4px 4px 4px rgb(62, 193,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2281, 41.6327, 38.9486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 193, 158) }
```

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

```
.background{ background-color: rgb(62, 193,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor