

Converting Colors

XYZ(27.4263, 35.0140, 39.0311)

Have a look what the booklet for
XYZ(27.4263, 35.0140, 39.0311)
contains.

XYZ(27.4263, 35.0140, 39.0311)	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(27.4263, 35.0140,
39.0311)**

Conversions

Conversions Part 1

Format	Color
Hex	6EABA1
RGB	110, 171, 161
RGB Percent	43%, 67%, 63%
CMY	0.5686, 0.3294, 0.3686
CMYK	0.36, 0.00, 0.06, 0.33
HSL	170°, 27%, 55%
HSV	170°, 36%, 67%
XYZ	27.4263, 35.0140, 39.0311
YIQ	151.6210, -33.1460, -16.0420

Conversions

Conversions Part 2

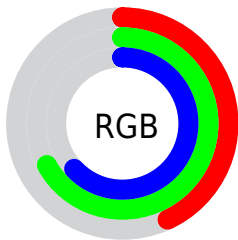
Format	Color
RYB	110, 143, 171
Decimal	7252897
CIELab	65.76, -22.01, -1.11
CIELCh	66, 22.035, 182.885
Yxy	35.0140, 0.2703, 0.3451
Android (android.graphics.Color)	4285442977 (0xFF6EABA1)
YUV	151.6210, 4.6238, -36.5016
Hunter-Lab	59.1726, -20.8180, 2.3123

Details

The XYZ color **27.4263, 35.0140, 39.0311** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.7618, 21.1667, 20.4983**, and the grayscale version is **29.6735, 31.2188, 33.9973**.

A 20% lighter version of the original color is **55.1736, 67.7886, 75.1423**, and **11.1562, 15.2190, 17.1014** is the 20% darker color. If you saturate the color by 10%, you get **25.2563, 33.9245, 37.6539**, and if you desaturate by 10%, it is **30.0144, 36.3202, 40.4583**.

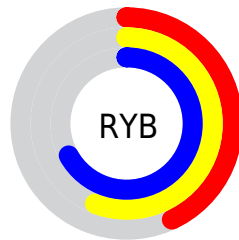
Distribution



Red (43%)

Green (67%)

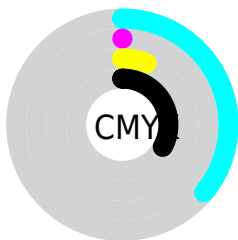
Blue (63%)



Red (43%)

Yellow (56%)

Blue (67%)

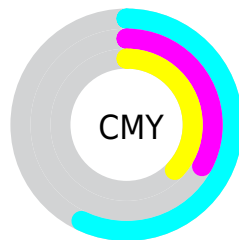


Cyan (36%)

Magenta (0%)

Yellow (6%)

Black (33%)



Cyan (57%)

Magenta (33%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.4263, 35.0140, 39.0311 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 27.4263, 35.0140, 39.0311 by changing the saturation by 10% instead.

■ 27.4263, 35.0140,
39.0311

■ 27.4263, 35.0140,
39.0311

281.8454,
324.6301, 357.4526

■ 18.0319, 23.6737,
26.4759

■ 54.9823, 67.5075,
74.9067

■ 11.0727, 15.0917,
16.9511

■ 73.8745, 89.4294,
99.0642

■ 6.1834, 8.8838,
10.0380

■ 96.6634, 115.6472,
127.9262

■ 2.9986, 4.6655,
5.3182

■ 123.7144,
146.5455, 161.9112

■ 1.1530, 2.0523,
2.3732

155.3927,
182.5085, 201.4378

■ 0.0688, 0.6376,
0.7718

192.0637,

■ 0.0000, 0.0000,

223.9207, 246.9246

0.0000

234.0928,
271.1664, 298.7900

■ 27.4263, 35.0140,
39.0311

■ 27.4263, 35.0140,
39.0311

■ 25.2563, 33.9245,
37.6539

■ 30.0144, 36.3202,
40.4583

■ 23.4778, 33.0352,
36.3230

■ 33.0395, 37.8502,
41.9344

■ 22.0654, 32.3341,
35.0379

■ 36.5228, 39.6157,
43.4612

■ 20.9899, 31.8060,
33.7968

■ 40.4835, 41.6267,
45.0399

■ 20.2173, 31.4334,
32.5982

■ 44.9394, 43.8923,
46.6714

■ 19.7038, 31.1939,
31.4397

■ 49.9075, 46.4213,
48.3567

■ 19.5188, 31.1091,
30.9487

■ 55.4041, 49.2221,
50.0969

■ 61.4446, 52.3026,
51.8926

■ 64.6915, 53.9422,
53.5880

Harmonies

Analogous

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



28.0268, 35.0140, 30.5424



27.4263, 35.0140, 39.0311



28.3079, 35.0140, 48.6785

Triad

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



27.4263, 35.0140, 39.0311



36.7855, 35.0140, 55.1950



36.2069, 35.0140, 24.3224

Complementary

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



27.4263, 35.0140, 39.0311



25.7618, 21.1667, 20.4983

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.



38.8022, 35.0140, 29.2178



27.4263, 35.0140, 39.0311



39.1512, 35.0140, 46.8673

Square

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



27.4263, 35.0140, 39.0311



33.5949, 35.0140, 58.9126



39.9119, 35.0140, 37.2316



32.9666, 35.0140, 22.9111

Rectangle

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



27.4263, 35.0140, 39.0311



29.6532, 35.0140, 54.2318



39.9119, 35.0140, 37.2316



37.1906, 35.0140, 25.5710

Sweetspot

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



27.4273, 35.0154, 39.0319



61.8596, 69.1476, 76.3124



25.1473, 34.2580, 20.0395



13.6158, 15.3294, 16.9385



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.4273, 35.0154, 39.0319



45.9188, 61.0995, 67.8988



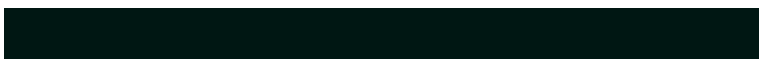
24.7951, 28.2825, 42.6819



8.1791, 9.0492, 9.9680



14.7301, 23.4573, 23.4163



0.4246, 0.6585, 0.7292

Inverse Universe

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



25.7618, 21.1667, 20.4983



42.4871, 32.5000, 29.6627



27.6372, 25.8388, 18.2832



8.0568, 8.0360, 8.6101



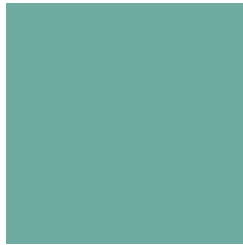
12.8326, 6.5956, 1.4978



0.3728, 0.1898, 0.1250

Previews

White Background



This preview shows how the XYZ color 27.4263, 35.0140, 39.0311 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 27.4263, 35.0140, 39.0311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

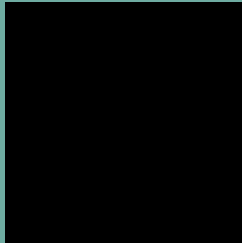
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.4263, 35.0140, 39.0311

Background



This preview shows how black text looks on a background with the XYZ color 27.4263, 35.0140, 39.0311.



This preview shows how white text looks on a background with the XYZ color 27.4263, 35.0140,

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

27.4263, 35.0140, 39.0311

Protanopia

33.1639, 34.5733, 35.4972

Deuteranopia

35.3604, 34.5985, 40.4118



Tritanopia

29.4134, 34.9863, 48.9188

Trichromacy



Original Color

27.4263, 35.0140, 39.0311

Protanomaly

30.6846, 34.5580, 36.9514

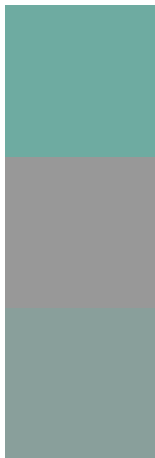
Deuteranomaly

31.6661, 34.2115, 40.0565

Tritanomaly

28.6380, 34.9426, 45.2796

Monochromacy



Original Color

27.4263, 35.0140, 39.0311

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.6311, 32.4812, 35.7708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4263, 35.0140, 39.0311 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(110, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(110, 171, 161)  
}
```

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(110, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 171, 161) }
```

Border

The CSS property to change the border of an element to XYZ 27.4263, 35.0140, 39.0311 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(110, 171, 161) }
```


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

```
.border{ border-color:rgb(110, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(110, 171,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4263, 35.0140, 39.0311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 171, 161) }
```

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

```
.background{ background-color: rgb(110,  
171, 161) }
```

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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