

Converting Colors

XYZ(28.4533, 34.0739, 39.6903)

Have a look what the booklet for
XYZ(28.4533, 34.0739, 39.6903)
contains.

XYZ(28.5593, 34.2019, 39.7467)	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(28.5593, 34.2019,
39.7467)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA6A3
RGB	124, 166, 163
RGB Percent	49%, 65%, 64%
CMY	0.5137, 0.3490, 0.3608
CMYK	0.25, 0.00, 0.02, 0.35
HSL	176°, 19%, 57%
HSV	176°, 25%, 65%
XYZ	28.5593, 34.2019, 39.7467
YIQ	153.1000, -24.0690, -9.8370

Conversions

Conversions Part 2

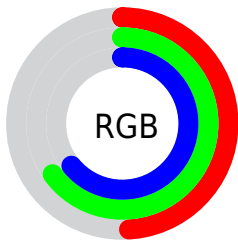
Format	Color
RYB	124, 146, 166
Decimal	8169123
CIELab	65.12, -14.77, -3.07
CIELCh	65, 15.088, 191.741
Yxy	34.2019, 0.2786, 0.3337
Android (android.graphics.Color)	4286359203 (0xFF7CA6A3)
YUV	153.1000, 4.8807, -25.5207
Hunter-Lab	58.4824, -15.1755, 0.6421

Details

The XYZ color **28.5593, 34.2019, 39.7467** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.7656, 24.0556, 23.3127**, and the grayscale version is **30.3095, 31.8880, 34.7260**.

A 20% lighter version of the original color is **56.8714, 66.2398, 76.1178**, and **11.6342, 14.5988, 17.2436** is the 20% darker color. If you saturate the color by 10%, you get **26.2538, 33.0265, 39.0871**, and if you desaturate by 10%, it is **31.2717, 35.5887, 40.4320**.

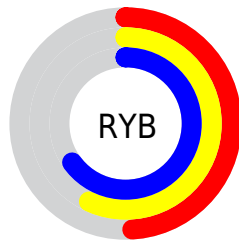
Distribution



Red (49%)

Green (65%)

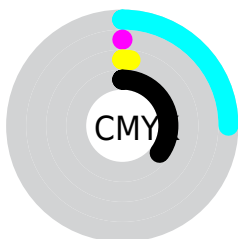
Blue (64%)



Red (49%)

Yellow (57%)

Blue (65%)

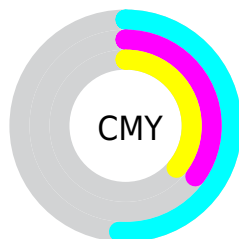


Cyan (25%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5593, 34.2019, 39.7467 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 28.5593, 34.2019, 39.7467 by changing the saturation by 10% instead.

■ 28.5593, 34.2019,
39.7467

■ 28.5593, 34.2019,
39.7467

287.1618,
321.0314, 360.5751

■ 18.8903, 23.0487,
27.0288

■ 56.7786, 66.2475,
76.0105

■ 11.6946, 14.6295,
17.3622

■ 76.0596, 87.9088,
100.3935

■ 6.6068, 8.5598,
10.3284

■ 99.2753, 113.8415,
129.5020

■ 3.2615, 4.4552,
5.5088

126.7910,
144.4301, 163.7544

■ 1.2935, 1.9313,
2.4849

158.9722,
180.0590, 203.5694

■ 0.1784, 0.5671,
0.8321

196.1841,

■ 0.0000, 0.0000,

221.1126, 249.3655

0.0000

238.7922,
267.9753, 301.5612

■ 28.5593, 34.2019,
39.7467

■ 28.5593, 34.2019,
39.7467

■ 26.2538, 33.0265,
39.0871

■ 31.2717, 35.5887,
40.4320

■ 24.3319, 32.0478,
38.4499

■ 34.4067, 37.1924,
41.1416

■ 22.7728, 31.2561,
37.8348

■ 37.9831, 39.0235,
41.8771

■ 21.5522, 30.6387,
37.2408

■ 42.0174, 41.0906,
42.6393

■ 20.6429, 30.1817,
36.6665

■ 46.5253, 43.4017,
43.4289

■ 20.0138, 29.8691,
36.1104

■ 51.5219, 45.9646,
44.2466

■ 19.6253, 29.6803,
35.5708

■ 57.0215, 48.7867,
45.0932

■ 19.4810, 29.6113,
35.3208

■ 62.3707, 51.5312,
45.9381

■ 62.4857, 51.5772,
46.5433

Harmonies

Analogous

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



28.6731, 34.2019, 33.5901



28.5593, 34.2019, 39.7467



29.4679, 34.2019, 45.8540

Triad

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



28.5593, 34.2019, 39.7467



35.3908, 34.2019, 46.9762



33.8443, 34.2019, 26.9273

Complementary

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



28.5593, 34.2019, 39.7467



26.7656, 24.0556, 23.3127

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.



35.7501, 34.2019, 29.7787



28.5593, 34.2019, 39.7467



36.6702, 34.2019, 41.1452

Square

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



28.5593, 34.2019, 39.7467



33.3717, 34.2019, 50.3302



36.8046, 34.2019, 34.8411



31.6591, 34.2019, 26.6425

Rectangle

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



28.5593, 34.2019, 39.7467



30.5559, 34.2019, 48.8964



36.8046, 34.2019, 34.8411



34.5413, 34.2019, 27.6011

Sweetspot

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



28.5603, 34.2033, 39.7475



60.7421, 66.6278, 74.2935



26.1025, 33.2796, 24.1174



13.4026, 14.8127, 16.5830



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.5603, 34.2033, 39.7475



49.5425, 60.9044, 71.4994



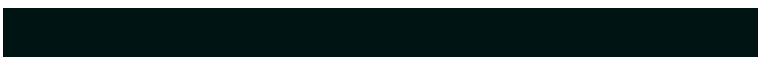
25.8647, 28.3765, 40.1920



7.7241, 8.5227, 9.5330



15.1132, 22.9640, 27.4265



0.3743, 0.5614, 0.7021

Inverse Universe

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



26.7656, 24.0556, 23.3127



45.7571, 39.4937, 36.8297



28.9640, 28.7610, 23.0944



7.5521, 7.5507, 7.9584



12.2526, 6.3098, 0.8759



0.3047, 0.1561, 0.0560

Previews

White Background



This preview shows how the XYZ color 28.5593, 34.2019, 39.7467 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 28.5593, 34.2019, 39.7467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

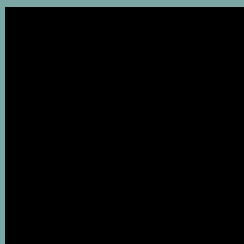
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

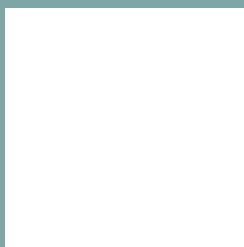
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5593, 34.2019, 39.7467

Background



This preview shows how black text looks on a background with the XYZ color 28.5593, 34.2019, 39.7467.

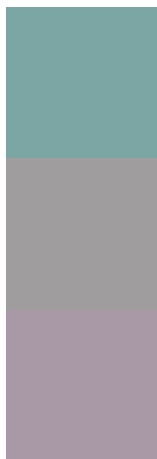


This preview shows how white text looks on a background with the XYZ color 28.5593, 34.2019,

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

28.5593, 34.2019, 39.7467

Protanopia

32.7257, 34.0561, 37.1964

Deuteranopia

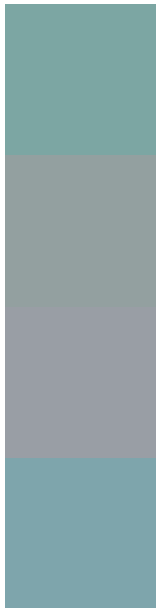
34.6364, 33.9707, 40.8079



Tritanopia

29.9637, 34.2373, 46.6242

Trichromacy



Original Color

28.5593, 34.2019, 39.7467

Protanomaly

30.9486, 33.8827, 38.1666

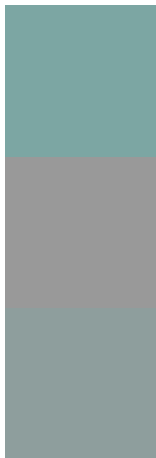
Deuteranomaly

32.1553, 33.9426, 40.4541

Tritanomaly

29.5057, 34.3244, 44.0999

Monochromacy



Original Color

28.5593, 34.2019, 39.7467

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.4680, 32.6388, 36.6451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5593, 34.2019, 39.7467 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(124, 166, 163)` looks like.

```
.text, #text, p{  
    color:rgb(124, 166, 163)  
}
```

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(124, 166, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 166, 163) }
```

Border

The CSS property to change the border of an element to XYZ 28.5593, 34.2019, 39.7467 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(124, 166, 163) }
```


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

```
.border{ border-color:rgb(124, 166, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 166, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 166, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 166, 163);  
box-shadow:4px 4px 4px 4px rgb(124, 166,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5593, 34.2019, 39.7467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 166, 163) }
```

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

```
.background{ background-color: rgb(124,  
166, 163) }
```

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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