

Converting Colors

XYZ(29.0009, 34.0819, 41.5125)

Have a look what the booklet for
XYZ(29.0009, 34.0819, 41.5125)
contains.

XYZ(29.0344, 34.1359, 41.6178)	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(29.0344, 34.1359,
41.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA5A7
RGB	126, 165, 167
RGB Percent	49%, 65%, 65%
CMY	0.5059, 0.3529, 0.3451
CMYK	0.25, 0.01, 0.00, 0.35
HSL	183°, 19%, 57%
HSV	183°, 25%, 65%
XYZ	29.0344, 34.1359, 41.6178
YIQ	153.5670, -23.8860, -7.6460

Conversions

Conversions Part 2

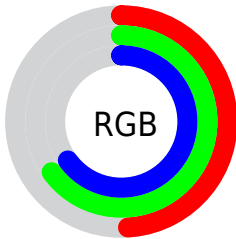
Format	Color
RYB	126, 146, 167
Decimal	8299943
CIELab	65.07, -12.70, -5.37
CIELCh	65, 13.789, 202.915
Yxy	34.1359, 0.2771, 0.3258
Android (android.graphics.Color)	4286490023 (0xFF7EA5A7)
YUV	153.5670, 6.6225, -24.1763
Hunter-Lab	58.4259, -13.5409, -1.3351

Details

The XYZ color **29.0344, 34.1359, 41.6178** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.4218, 25.1604, 23.1506**, and the grayscale version is **30.5058, 32.0945, 34.9509**.

A 20% lighter version of the original color is **57.6004, 66.1636, 78.8422**, and **11.9013, 14.5439, 18.3996** is the 20% darker color. If you saturate the color by 10%, you get **26.6285, 32.6792, 41.4640**, and if you desaturate by 10%, it is **31.8544, 35.8091, 41.7927**.

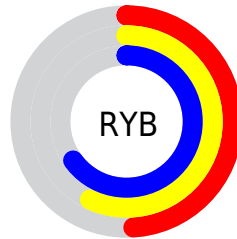
Distribution



Red (49%)

Green (65%)

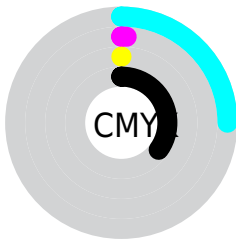
Blue (65%)



Red (49%)

Yellow (57%)

Blue (65%)

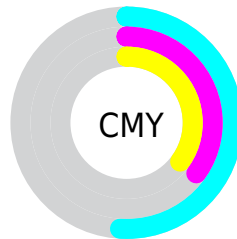


Cyan (25%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (51%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0344, 34.1359, 41.6178 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 29.0344, 34.1359, 41.6178 by changing the saturation by 10% instead.

■ 29.0344, 34.1359,
41.6178

■ 29.0344, 34.1359,
41.6178

289.3685,
320.7376, 368.6489

■ 19.2513, 22.9980,
28.4788

■ 57.5289, 66.1449,
78.8847

■ 11.9571, 14.5920,
18.4447

■ 76.9710, 87.7849,
103.8497

■ 6.7864, 8.5336,
11.0970

■ 100.3634,
113.6943, 133.5937

■ 3.3740, 4.4382,
6.0171

128.0716,
144.2577, 168.5354

■ 1.3545, 1.9216,
2.7865

160.4608,
179.8593, 209.0932

■ 0.2235, 0.5613,
0.9867

197.8965,

■ 0.0000, 0.0000,

220.8835, 255.6857

0.0000

240.7439,
267.7148, 308.7314

■ 29.0344, 34.1359,
41.6178

■ 29.0344, 34.1359,
41.6178

■ 26.6285, 32.6792,
41.4640

■ 31.8544, 35.8091,
41.7927

■ 24.6132, 31.4245,
41.3280

■ 35.1044, 37.7046,
41.9873

■ 22.9674, 30.3616,
41.2096

■ 38.8032, 39.8328,
42.2031

■ 21.6668, 29.4780,
41.1076

■ 42.9676, 42.2024,
42.4410

■ 20.6840, 28.7597,
41.0208

■ 47.6136, 44.8217,
42.7017

■ 19.9878, 28.1904,
40.9476

■ 52.7563, 47.6984,
42.9859

■ 19.5400, 27.7506,
40.8863

■ 58.4102, 50.8401,
43.2943

■ 19.3497, 27.5393,
40.8555

■ 62.8753, 53.3703,
43.5474

■ 63.0301, 53.6799,
43.5990

Harmonies

Analogous

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



28.7809, 34.1359, 35.8278



29.0344, 34.1359, 41.6178



30.1838, 34.1359, 46.6520

Triad

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



29.0344, 34.1359, 41.6178



35.6066, 34.1359, 44.2036



32.9212, 34.1359, 27.2860

Complementary

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



29.0344, 34.1359, 41.6178



27.4218, 25.1604, 23.1506

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.



34.8168, 34.1359, 29.0655



29.0344, 34.1359, 41.6178



36.4079, 34.1359, 38.5416

Square

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



29.0344, 34.1359, 41.6178



33.9637, 34.1359, 48.2486



36.1131, 34.1359, 33.0476



30.9725, 34.1359, 27.9290

Rectangle

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



29.0344, 34.1359, 41.6178



31.3298, 34.1359, 48.7054



36.1131, 34.1359, 33.0476



33.5867, 34.1359, 27.6140

Sweetspot

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



29.0354, 34.1373, 41.6186



61.2934, 66.6116, 75.1021



26.2783, 33.6156, 25.3084



13.6410, 14.8627, 16.8020



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.



29.0354, 34.1373, 41.6186



49.7653, 59.7910, 74.3932



25.7257, 27.5180, 40.5154



7.7158, 8.4685, 9.6463



14.8170, 21.0942, 31.2661



0.3697, 0.5315, 0.7638

Inverse Universe

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



30.1896, 25.8547, 38.9981



52.1765, 42.6282, 68.8870



30.2719, 30.8606, 24.1007



7.8259, 7.6602, 9.4003



16.9795, 8.2005, 25.7675



0.4177, 0.2014, 0.6513

Previews

White Background



This preview shows how the XYZ color 29.0344, 34.1359, 41.6178 looks on a white background.

Color Contrast Check

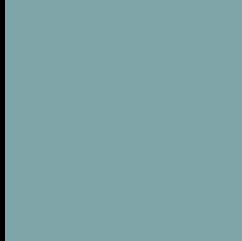
Large Text (above 18pt) WCAG AA × Fail

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 29.0344, 34.1359, 41.6178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

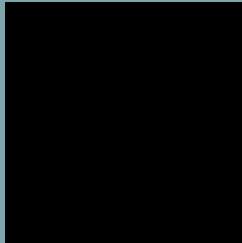
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.0344, 34.1359, 41.6178

Background



This preview shows how black text looks on a background with the XYZ color 29.0344, 34.1359, 41.6178.



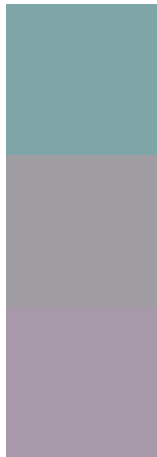
This preview shows how white text looks on a background with the XYZ color 29.0344, 34.1359,

41.6178.

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

29.0344, 34.1359, 41.6178

Protanopia

32.8766, 34.0935, 39.0303

Deuteranopia

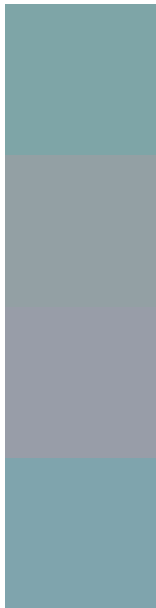
34.4890, 33.8625, 42.2545



Tritanopia

30.1134, 34.3144, 46.6312

Trichromacy



Original Color

29.0344, 34.1359, 41.6178

Protanomaly

31.3043, 34.0250, 40.0395

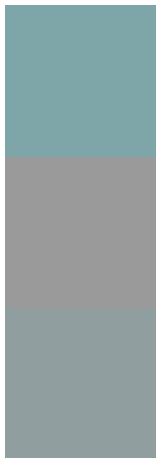
Deuteranomaly

32.0737, 33.6165, 41.8440

Tritanomaly

29.5707, 34.0801, 44.5547

Monochromacy



Original Color

29.0344, 34.1359, 41.6178

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.9865, 32.8862, 37.5681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0344, 34.1359, 41.6178 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(126, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(126, 165, 167)  
}
```

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(126, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 165, 167) }
```

Border

The CSS property to change the border of an element to XYZ 29.0344, 34.1359, 41.6178 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(126, 165, 167) }
```


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

```
.border{ border-color:rgb(126, 165, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 165, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 165, 167);  
box-shadow:4px 4px 4px 4px rgb(126, 165,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0344, 34.1359, 41.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 165, 167) }
```

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

```
.background{ background-color: rgb(126,  
165, 167) }
```

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