

Converting Colors

XYZ(28.9254, 34.3353, 38.6940)

Have a look what the booklet for
XYZ(28.9254, 34.3353, 38.6940)
contains.

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Color

**XYZ(28.9713, 34.4348,
38.8379)**

Conversions

Conversions Part 1

Format	Color
Hex	80A6A1
RGB	128, 166, 161
RGB Percent	50%, 65%, 63%
CMY	0.4980, 0.3490, 0.3686
CMYK	0.23, 0.00, 0.03, 0.35
HSL	172°, 18%, 58%
HSV	172°, 23%, 65%
XYZ	28.9713, 34.4348, 38.8379
YIQ	154.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

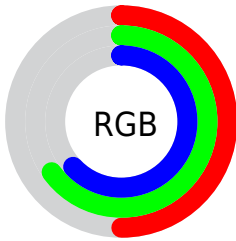
Format	Color
RYB	128, 148, 166
Decimal	8431265
CIELab	65.31, -13.96, -1.66
CIELCh	65, 14.060, 186.763
Yxy	34.4348, 0.2834, 0.3368
Android (android.graphics.Color)	4286621345 (0xFF80A6A1)
YUV	154.0680, 3.4175, -22.8616
Hunter-Lab	58.6812, -14.5654, 1.8360

Details

The XYZ color **28.9713, 34.4348, 38.8379** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.6798, 25.2397, 25.6045**, and the grayscale version is **30.7378, 32.3386, 35.2167**.

A 20% lighter version of the original color is **57.5425, 66.6159, 74.7911**, and **11.9737, 14.7801, 16.9736** is the 20% darker color. If you saturate the color by 10%, you get **26.4851, 33.1761, 37.7251**, and if you desaturate by 10%, it is **31.8714, 35.9083, 39.9891**.

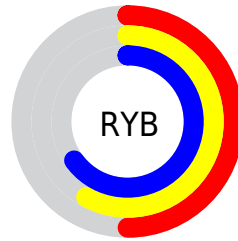
Distribution



Red (50%)

Green (65%)

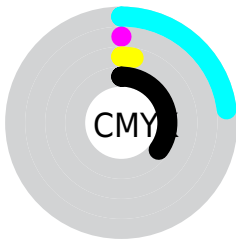
Blue (63%)



Red (50%)

Yellow (58%)

Blue (65%)

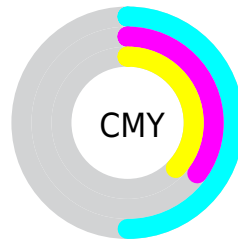


Cyan (23%)

Magenta (0%)

Yellow (3%)

Black (35%)



Cyan (50%)

Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9713, 34.4348, 38.8379 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 28.9713, 34.4348, 38.8379 by changing the saturation by 10% instead.

■ 28.9713, 34.4348,
38.8379

■ 28.9713, 34.4348,
38.8379

289.0762,
322.0665, 356.6062

■ 19.2033, 23.2278,
26.3268

■ 57.4294, 66.6092,
74.6082

■ 11.9221, 14.7618,
16.8403

■ 76.8501, 88.3455,
98.7045

■ 6.7625, 8.6524,
9.9600

■ 100.2192,
114.3603, 127.4996

■ 3.3590, 4.5152,
5.2672

127.9018,
145.0381, 161.4121

■ 1.3463, 1.9657,
2.3434

160.2635,
180.7632, 200.8604

■ 0.2175, 0.5874,
0.7554

197.6696,

■ 0.0000, 0.0000,

221.9200, 246.2632

0.0000

240.4853,
268.8930, 298.0389

■ 28.9713, 34.4348,
38.8379

■ 28.9713, 34.4348,
38.8379

■ 26.4851, 33.1761,
37.7251

■ 31.8714, 35.9083,
39.9891

■ 24.3898, 32.1176,
36.6473

■ 35.2010, 37.6019,
41.1774

■ 22.6652, 31.2498,
35.6043

■ 38.9783, 39.5259,
42.4044

■ 21.2874, 30.5605,
34.5949

■ 43.2198, 41.6889,
43.6709

■ 20.2302, 30.0360,
33.6176

■ 47.9411, 44.0987,
44.9778

■ 19.4634, 29.6609,
32.6711

■ 53.1570, 46.7632,
46.3259

■ 18.9511, 29.4165,
31.7536

■ 58.8817, 49.6896,
47.7159

■ 18.6826, 29.2919,
31.1162

■ 62.9611, 51.7674,
49.0471

■ 63.1831, 51.8562,
50.2160

Harmonies

Analogous

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



29.2415, 34.4348, 33.2165



28.9713, 34.4348, 38.8379



29.6739, 34.4348, 44.6590

Triad

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



28.9713, 34.4348, 38.8379



35.1439, 34.4348, 47.2770



34.3081, 34.4348, 28.0534

Complementary

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



28.9713, 34.4348, 38.8379



27.6798, 25.2397, 25.6045

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.



35.9875, 34.4348, 31.1389



28.9713, 34.4348, 38.8379



36.4839, 34.4348, 42.1230

Square

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



28.9713, 34.4348, 38.8379



33.1953, 34.4348, 49.8493



36.7989, 34.4348, 36.1808



32.2676, 34.4348, 27.3695

Rectangle

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



28.9713, 34.4348, 38.8379



30.6173, 34.4348, 47.7432



36.7989, 34.4348, 36.1808



34.9361, 34.4348, 28.8272

Sweetspot

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



28.9723, 34.4362, 38.8387



61.2254, 66.8882, 73.8074



27.2169, 33.8243, 25.5169



13.6246, 14.9294, 16.4896



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.



28.9723, 34.4362, 38.8387



50.4082, 61.3949, 69.5457



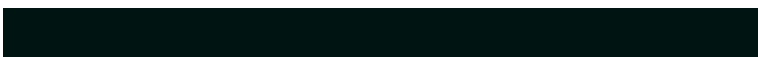
27.0251, 29.8216, 40.4098



7.7044, 8.5148, 9.4297



14.4991, 22.7184, 24.1926



0.3641, 0.5573, 0.6485

Inverse Universe

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



27.6798, 25.2397, 25.6045



47.6833, 41.9955, 41.6357



29.2864, 28.9927, 24.4752



7.5698, 7.5578, 8.0519



12.3162, 6.3352, 1.2109



0.3114, 0.1588, 0.0914

Previews

White Background



This preview shows how the XYZ color 28.9713, 34.4348, 38.8379 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 28.9713, 34.4348, 38.8379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

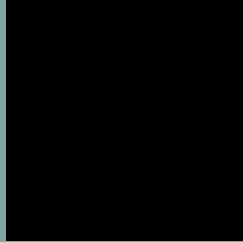
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.9713, 34.4348, 38.8379

Background



This preview shows how black text looks on a background with the XYZ color 28.9713, 34.4348, 38.8379.

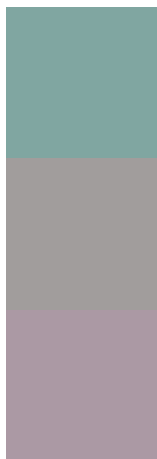


This preview shows how white text looks on a background with the XYZ color 28.9713, 34.4348,

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

28.9713, 34.4348, 38.8379

Protanopia

32.7557, 34.0913, 36.3064

Deuteranopia

34.8867, 34.1207, 39.8692



Tritanopia

30.5713, 34.5505, 46.6526

Trichromacy



Original Color

28.9713, 34.4348, 38.8379

Protanomaly

31.1368, 33.9998, 37.2693

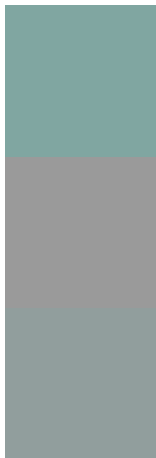
Deuteranomaly

32.3553, 34.0666, 39.5205

Tritanomaly

30.0117, 34.5964, 43.6241

Monochromacy



Original Color

28.9713, 34.4348, 38.8379

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.9897, 32.9078, 36.6695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9713, 34.4348, 38.8379 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(128, 166, 161)` looks like.

```
.text, #text, p{  
    color:rgb(128, 166, 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(128, 166, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 166, 161) }
```

Border

The CSS property to change the border of an element to XYZ 28.9713, 34.4348, 38.8379 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(128, 166, 161) }
```


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

```
.border{ border-color:rgb(128, 166, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 166, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 166, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 166, 161);  
box-shadow:4px 4px 4px 4px rgb(128, 166,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9713, 34.4348, 38.8379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 166, 161) }
```

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

```
.background{ background-color: rgb(128,  
166, 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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