

Converting Colors

XYZ(29.5288, 34.8140, 43.9228)

Have a look what the booklet for
XYZ(29.5288, 34.8140, 43.9228)
contains.

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Color

**XYZ(29.4816, 34.8628,
43.7034)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA7AB
RGB	124, 167, 171
RGB Percent	49%, 65%, 67%
CMY	0.5137, 0.3451, 0.3294
CMYK	0.27, 0.02, 0.00, 0.33
HSL	185°, 22%, 58%
HSV	185°, 27%, 67%
XYZ	29.4816, 34.8628, 43.7034
YIQ	154.5990, -26.9120, -7.8720

Conversions

Conversions Part 2

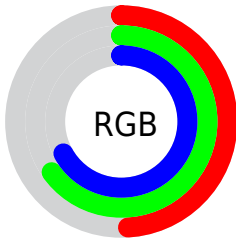
Format	Color
RYB	124, 146, 171
Decimal	8169387
CIELab	65.64, -13.44, -6.77
CIElCh	66, 15.052, 206.725
Yxy	34.8628, 0.2729, 0.3227
Android (android.graphics.Color)	4286359467 (0xFF7CA7AB)
YUV	154.5990, 8.0857, -26.8353
Hunter-Lab	59.0447, -14.2015, -2.5536

Details

The XYZ color **29.4816, 34.8628, 43.7034** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.1523, 25.5518, 22.5178**, and the grayscale version is **30.9534, 32.5654, 35.4637**.

A 20% lighter version of the original color is **58.2088, 67.1985, 81.8542**, and **12.2082, 15.0098, 19.7065** is the 20% darker color. If you saturate the color by 10%, you get **26.9568, 33.1687, 43.5101**, and if you desaturate by 10%, it is **32.4400, 36.7866, 43.9194**.

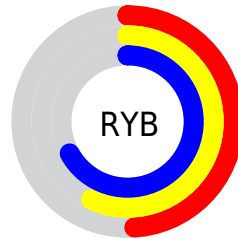
Distribution



Red (49%)

Green (65%)

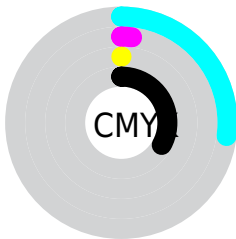
Blue (67%)



Red (49%)

Yellow (57%)

Blue (67%)

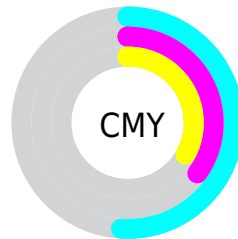


Cyan (27%)

Magenta (2%)

Yellow (0%)

Black (33%)



Cyan (51%)

Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4816, 34.8628, 43.7034 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 29.4816, 34.8628, 43.7034 by changing the saturation by 10% instead.

■ 29.4816, 34.8628,
43.7034

■ 29.4816, 34.8628,
43.7034

291.4339,
323.9623, 377.5024

■ 19.5916, 23.5572,
30.1019

■ 58.2337, 67.2732,
82.0690

■ 12.2050, 15.0055,
19.6633

■ 77.8264, 89.1467,
107.6701

■ 6.9567, 8.8232,
11.9689

■ 101.3841,
115.3117, 138.1082

■ 3.4811, 4.6261,
6.6002

129.2720,
146.1526, 173.8019

■ 1.4130, 2.0296,
3.1387

161.8556,
182.0537, 215.1696

■ 0.2655, 0.6246,
1.1659

199.5003,

■ 0.0000, 0.0000,

223.3994, 262.6299

0.0000

242.5712,
270.5742, 316.6013

■ 29.4816, 34.8628,
43.7034

■ 29.4816, 34.8628,
43.7034

■ 26.9568, 33.1687,
43.5101

■ 32.4400, 36.7866,
43.9194

■ 24.8403, 31.6887,
43.3359

■ 35.8495, 38.9466,
44.1566

■ 23.1092, 30.4117,
43.1807

■ 39.7304, 41.3540,
44.4167

■ 21.7367, 29.3241,
43.0431

■ 44.1006, 44.0182,
44.7006

■ 20.6929, 28.4102,
42.9217

■ 48.9773, 46.9480,
45.0091

■ 19.9426, 27.6521,
42.8149

■ 54.3769, 50.1519,
45.3430

■ 19.4314, 27.0215,
42.7202

■ 60.3149, 53.6379,
45.7028

■ 19.3158, 26.8703,
42.6971

■ 64.6388, 56.2964,
45.9881

■ 64.9311, 56.8810,
46.0855

Harmonies

Analogous

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



29.0698, 34.8628, 37.2683



29.4816, 34.8628, 43.7034



30.8575, 34.8628, 49.0776

Triad

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



29.4816, 34.8628, 43.7034



36.8195, 34.8628, 45.0403



33.3795, 34.8628, 27.0541

Complementary

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



29.4816, 34.8628, 43.7034



28.1523, 25.5518, 22.5178

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.



35.5240, 34.8628, 28.6620



29.4816, 34.8628, 43.7034



37.5648, 34.8628, 38.6595

Square

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



29.4816, 34.8628, 43.7034



35.0852, 34.8628, 49.9078



37.0807, 34.8628, 32.7426



31.2605, 34.8628, 28.0891

Rectangle

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



29.4816, 34.8628, 43.7034



32.1693, 34.8628, 51.0876



37.0807, 34.8628, 32.7426



34.1220, 34.8628, 27.2986

Sweetspot

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



29.4826, 34.8642, 43.7042



63.7771, 69.4829, 79.0520



26.7666, 34.9679, 25.7328



14.0116, 15.3624, 17.6144



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.



29.4826, 34.8642, 43.7042



49.9527, 60.5401, 78.0545



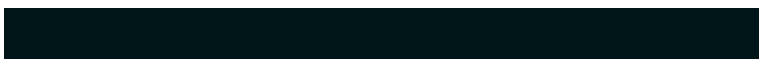
25.5739, 27.0467, 42.4013



8.1772, 8.9538, 10.2500



14.5800, 20.2939, 32.1932



0.4223, 0.5979, 0.9011

Inverse Universe

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



30.9781, 25.8641, 39.9203



53.1147, 41.8253, 69.9838



31.5671, 32.3815, 23.6561



8.3073, 8.1361, 9.9288



17.2230, 8.3517, 24.6173



0.4875, 0.2357, 0.7292

Previews

White Background



This preview shows how the XYZ color 29.4816, 34.8628, 43.7034 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 29.4816, 34.8628, 43.7034 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 29.4816, 34.8628, 43.7034

Background



This preview shows how black text looks on a background with the XYZ color 29.4816, 34.8628, 43.7034.

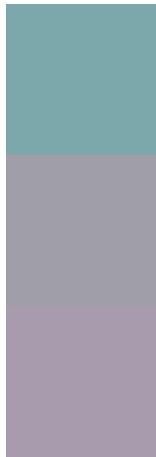


This preview shows how white text looks on a background with the XYZ color 29.4816, 34.8628,

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

29.4816, 34.8628, 43.7034

Protanopia

33.6070, 34.6805, 40.9991

Deuteranopia

35.5098, 34.8235, 44.8944



Tritanopia

30.3771, 34.9627, 47.7953

Trichromacy



Original Color

29.4816, 34.8628, 43.7034

Protanomaly

31.8454, 34.5199, 42.0304

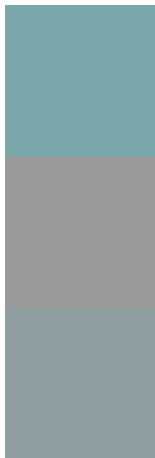
Deuteranomaly

32.8899, 34.4888, 44.4587

Tritanomaly

29.9301, 34.7670, 46.2075

Monochromacy



Original Color

29.4816, 34.8628, 43.7034

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.3328, 33.2988, 38.5468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4816, 34.8628, 43.7034 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, 167, 171)` looks like.

```
.text, #text, p{  
    color:rgb(124, 167, 171)  
}
```

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, 167, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 167, 171) }
```

Border

The CSS property to change the border of an element to XYZ 29.4816, 34.8628, 43.7034 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, 167, 171) }
```


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

```
.border{ border-color:rgb(124, 167, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 167, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 167, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 167, 171);  
box-shadow:4px 4px 4px 4px rgb(124, 167,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4816, 34.8628, 43.7034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 167, 171) }
```

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

```
.background{ background-color: rgb(124,  
167, 171) }
```

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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