

Converting Colors

XYZ(29.0571, 34.9654, 43.2824)

Have a look what the booklet for
XYZ(29.0571, 34.9654, 43.2824)
contains.

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Color

**XYZ(29.0041, 34.9006,
43.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	78A8AA
RGB	120, 168, 170
RGB Percent	47%, 66%, 67%
CMY	0.5294, 0.3412, 0.3333
CMYK	0.29, 0.01, 0.00, 0.33
HSL	182°, 23%, 57%
HSV	182°, 29%, 67%
XYZ	29.0041, 34.9006, 43.2380
YIQ	153.8760, -29.2500, -9.5540

Conversions

Conversions Part 2

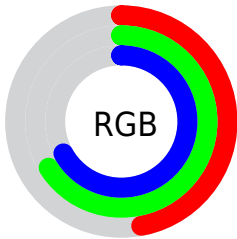
Format	Color
RYB	120, 144, 170
Decimal	7907498
CIELab	65.67, -15.41, -6.19
CIELCh	66, 16.606, 201.895
Yxy	34.9006, 0.2707, 0.3257
Android (android.graphics.Color)	4286097578 (0xFF78A8AA)
YUV	153.8760, 7.9491, -29.7093
Hunter-Lab	59.0767, -15.7486, -2.0404

Details

The XYZ color **29.0041, 34.9006, 43.2380** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.9278, 23.8216, 20.9490**, and the grayscale version is **30.6371, 32.2326, 35.1013**.

A 20% lighter version of the original color is **57.4338, 67.2103, 81.1800**, and **11.9696, 15.0640, 19.4163** is the 20% darker color. If you saturate the color by 10%, you get **26.7277, 33.5423, 43.0964**, and if you desaturate by 10%, it is **31.7018, 36.4789, 43.4010**.

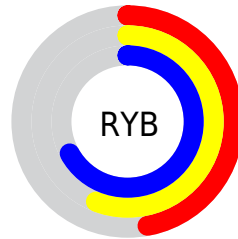
Distribution



Red (47%)

Green (66%)

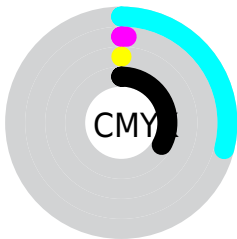
Blue (67%)



Red (47%)

Yellow (56%)

Blue (67%)

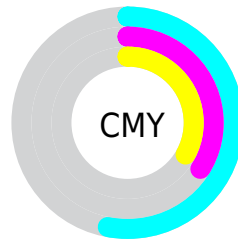


Cyan (29%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (34%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0041, 34.9006, 43.2380 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 29.0041, 34.9006, 43.2380 by changing the saturation by 10% instead.

■ 29.0041, 34.9006,
43.2380

■ 29.0041, 34.9006,
43.2380

289.2282,
324.1294, 375.5396

■ 19.2282, 23.5863,
29.7391

■ 57.4811, 67.3318,
81.3601

■ 11.9403, 15.0270,
19.3903

■ 76.9130, 89.2174,
106.8204

■ 6.7749, 8.8384,
11.7730

■ 100.2942,
115.3957, 137.1049

■ 3.3668, 4.6359,
6.4686

127.9901,
146.2509, 172.6322

■ 1.3506, 2.0353,
3.0587

160.3661,
182.1675, 213.8207

■ 0.2206, 0.6278,
1.1247

197.7876,

■ 0.0000, 0.0000,

223.5298, 261.0891

0.0000

240.6198,
270.7223, 314.8559

■ 29.0041, 34.9006,
43.2380

■ 29.0041, 34.9006,
43.2380

■ 26.7277, 33.5423,
43.0964

■ 31.7018, 36.4789,
43.4010

■ 24.8475, 32.3882,
42.9727

■ 34.8382, 38.2834,
43.5840

■ 23.3401, 31.4273,
42.8667

■ 38.4335, 40.3255,
43.7887

■ 22.1788, 30.6459,
42.7771

■ 42.5058, 42.6145,
44.0159

■ 21.3332, 30.0281,
42.7024

■ 47.0721, 45.1591,
44.2664

■ 20.7677, 29.5557,
42.6410

■ 52.1487, 47.9677,
44.5409

■ 20.4095, 29.1912,
42.5895

■ 57.7509, 51.0483,
44.8403

■ 20.3899, 29.1705,
42.5866

■ 63.5235, 54.2177,
45.1478

■ 63.6545, 54.4798,
45.1915

Harmonies

Analogous

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



28.7382, 34.9006, 36.1367



29.0041, 34.9006, 43.2380



30.3586, 34.9006, 49.5919

Triad

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



29.0041, 34.9006, 43.2380



37.0047, 34.9006, 46.9158



33.8382, 34.9006, 26.1843

Complementary

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



29.0041, 34.9006, 43.2380



26.9278, 23.8216, 20.9490

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.



36.1540, 34.9006, 28.3731



29.0041, 34.9006, 43.2380



38.0399, 34.9006, 39.9280

Square

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



29.0041, 34.9006, 43.2380



34.9535, 34.9006, 51.8901



37.7211, 34.9006, 33.2046



31.4520, 34.9006, 26.8415

Rectangle

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



29.0041, 34.9006, 43.2380



31.7344, 34.9006, 52.2653



37.7211, 34.9006, 33.2046



34.6523, 34.9006, 26.6010

Sweetspot

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



29.0051, 34.9020, 43.2388



63.3605, 69.5466, 79.0863



25.6135, 34.1401, 23.5449



13.9375, 15.3993, 17.6255



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.



29.0051, 34.9020, 43.2388



49.9673, 61.7446, 78.2862



24.8748, 26.6414, 41.8620



7.7215, 8.4799, 9.6482



15.0088, 21.4779, 31.3301



0.3728, 0.5377, 0.7648

Inverse Universe

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



30.3628, 24.8071, 40.2353



52.8351, 40.6150, 71.8981



30.3504, 30.6668, 22.0898



7.8288, 7.6614, 9.4155



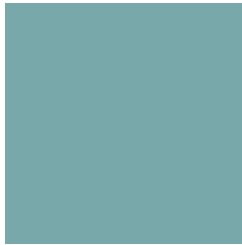
17.0764, 8.2393, 26.2774



0.4193, 0.2020, 0.6595

Previews

White Background



This preview shows how the XYZ color 29.0041, 34.9006, 43.2380 looks on a white background.

Color Contrast Check

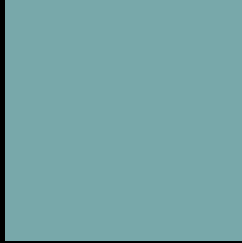
Large Text (above 18pt) WCAG AA × Fail

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 29.0041, 34.9006, 43.2380 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

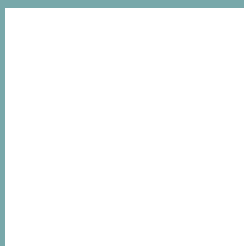
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0041, 34.9006, 43.2380

Background



This preview shows how black text looks on a background with the XYZ color 29.0041, 34.9006, 43.2380.

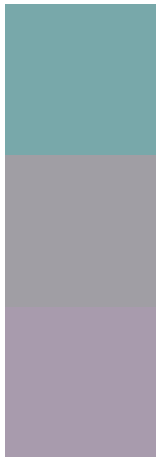


This preview shows how white text looks on a background with the XYZ color 29.0041, 34.9006,

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

29.0041, 34.9006, 43.2380

Protanopia

33.4249, 34.6076, 40.0402

Deuteranopia

35.4126, 34.7847, 44.3828



Tritanopia

29.9005, 34.7053, 48.3029

Trichromacy



Original Color

29.0041, 34.9006, 43.2380

Protanomaly

31.4803, 34.6136, 41.0983

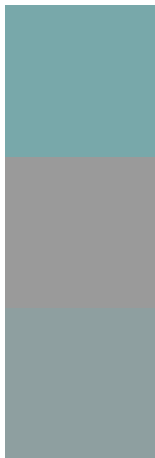
Deuteranomaly

32.7797, 34.6995, 43.9997

Tritanomaly

29.5403, 34.8370, 46.2416

Monochromacy



Original Color

29.0041, 34.9006, 43.2380

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.8986, 33.0851, 38.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0041, 34.9006, 43.2380 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(120, 168, 170)` looks like.

```
.text, #text, p{  
    color:rgb(120, 168, 170)  
}
```

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(120, 168, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 168, 170) }
```

Border

The CSS property to change the border of an element to XYZ 29.0041, 34.9006, 43.2380 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(120, 168, 170) }
```


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

```
.border{ border-color:rgb(120, 168, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 168, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 168, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 168, 170);  
box-shadow:4px 4px 4px 4px rgb(120, 168,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0041, 34.9006, 43.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 168, 170) }
```

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

```
.background{ background-color: rgb(120,  
168, 170) }
```

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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