

Converting Colors

XYZ(30.8606, 34.3443, 42.8438)

Have a look what the booklet for
XYZ(30.8606, 34.3443, 42.8438)
contains.

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Color

**XYZ(30.8235, 34.2319,
43.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA2AA
RGB	139, 162, 170
RGB Percent	55%, 64%, 67%
CMY	0.4549, 0.3647, 0.3333
CMYK	0.18, 0.05, 0.00, 0.33
HSL	195°, 15%, 61%
HSV	195°, 18%, 67%
XYZ	30.8235, 34.2319, 43.0131
YIQ	156.0350, -16.2760, -2.3880

Conversions

Conversions Part 2

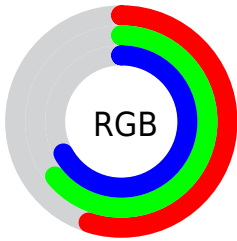
Format	Color
R_{YB}	139, 152, 170
Decimal	9151146
CIE _{Lab}	65.15, -6.25, -6.84
CIE _{LCh}	65, 9.266, 227.595
Yxy	34.2319, 0.2852, 0.3168
Android (android.graphics.Color)	4287341226 (0xFF8BA2AA)
YUV	156.0350, 6.8847, -14.9397
Hunter-Lab	58.5080, -8.3508, -2.6324

Details

The XYZ color **30.8235, 34.2319, 43.0131** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.6718, 31.2776, 28.7947**, and the grayscale version is **31.5918, 33.2370, 36.1951**.

A 20% lighter version of the original color is **60.3958, 66.3994, 80.8673**, and **12.8704, 14.5346, 19.2666** is the 20% darker color. If you saturate the color by 10%, you get **27.4438, 31.3634, 42.6381**, and if you desaturate by 10%, it is **34.6736, 37.3847, 43.4193**.

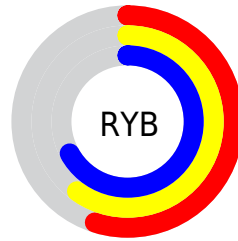
Distribution



Red (55%)

Green (64%)

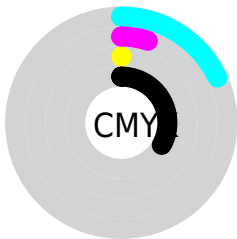
Blue (67%)



Red (55%)

Yellow (60%)

Blue (67%)

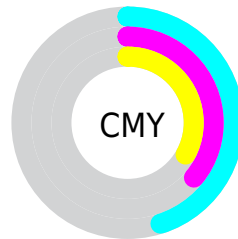


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8235, 34.2319, 43.0131 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 30.8235, 34.2319, 43.0131 by changing the saturation by 10% instead.

■ 30.8235, 34.2319,
43.0131

■ 30.8235, 34.2319,
43.0131

297.5658,
321.1649, 374.5884

■ 20.6157, 23.0718,
29.5639

■ 60.3398, 66.2941,
81.0172

■ 12.9542, 14.6465,
19.2586

■ 80.3790, 87.9651,
106.4092

■ 7.4738, 8.5717,
11.6786

■ 104.4260,
113.9084, 136.6192

■ 3.8091, 4.4629,
6.4053

132.8462,
144.5085, 172.0658

■ 1.5947, 1.9357,
3.0203

166.0049,
180.1498, 213.1674

■ 0.3890, 0.5697,
1.1050

204.2675,

■ 0.0000, 0.0000,

221.2167, 260.3427

0.0000

247.9993,
268.0936, 314.0102

■ 30.8235, 34.2319,
43.0131

■ 30.8235, 34.2319,
43.0131

■ 27.4438, 31.3634,
42.6381

■ 34.6736, 37.3847,
43.4193

■ 24.5108, 28.7640,
42.2909

■ 39.0104, 40.8278,
43.8553

■ 22.0034, 26.4231,
41.9713

■ 43.8530, 44.5726,
44.3229

■ 19.8974, 24.3279,
41.6779

■ 49.2186, 48.6281,
44.8229

■ 18.1660, 22.4642,
41.4094

■ 55.1237, 53.0033,
45.3561

■ 16.7790, 20.8160,
41.1644

■ 61.5839, 57.7066,
45.9235

■ 15.7012, 19.3647,
40.9410

■ 67.5007, 62.1722,
46.4736

■ 14.8718, 18.0786,
40.7365

■ 68.4828, 64.1364,
46.8009

■ 14.7347, 17.8601,
40.7016

■ 69.4939, 66.1586,
47.1380

Harmonies

Analogous

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



30.1332, 34.2319, 39.5566



30.8235, 34.2319, 43.0131



31.9841, 34.2319, 44.9838

Triad

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



30.8235, 34.2319, 43.0131



35.1279, 34.2319, 38.8864



31.7609, 34.2319, 30.6496

Complementary

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



30.8235, 34.2319, 43.0131



31.6718, 31.2776, 28.7947

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.



33.0951, 34.2319, 30.4974



30.8235, 34.2319, 43.0131



35.0641, 34.2319, 35.0785

Square

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



30.8235, 34.2319, 43.0131



34.4835, 34.2319, 42.4934



34.3116, 34.2319, 32.0672



30.6640, 34.2319, 32.4982

Rectangle

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



30.8235, 34.2319, 43.0131



32.8794, 34.2319, 45.1062



34.3116, 34.2319, 32.0672



32.1958, 34.2319, 30.4031

Sweetspot

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



30.8245, 34.2333, 43.0139



65.2877, 69.7358, 79.0212



30.2697, 36.3378, 32.9202



14.4426, 15.4581, 17.6102



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.



30.8245, 34.2333, 43.0139



53.2716, 59.8826, 77.7527



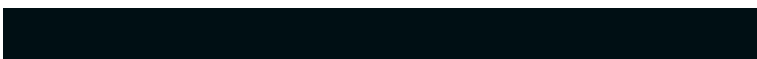
28.2987, 29.1817, 42.1719



7.5813, 8.1995, 9.6014



10.8855, 13.2312, 29.9556



0.3026, 0.3975, 0.7414

Inverse Universe

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



32.3326, 29.6207, 38.1973



56.5707, 50.0258, 67.1635



34.2028, 36.3396, 29.6384



7.7580, 7.6331, 9.0429



14.9951, 7.4068, 15.3176



0.3839, 0.1878, 0.4731

Previews

White Background



This preview shows how the XYZ color 30.8235, 34.2319, 43.0131 looks on a white background.

Color Contrast Check

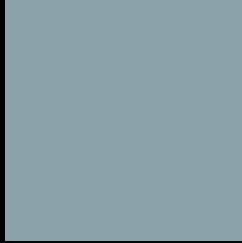
Large Text (above 18pt) WCAG AA × Fail

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 30.8235, 34.2319, 43.0131 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

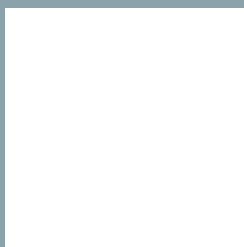
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8235, 34.2319, 43.0131

Background



This preview shows how black text looks on a background with the XYZ color 30.8235, 34.2319, 43.0131.



This preview shows how white text looks on a background with the XYZ color 30.8235, 34.2319,

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

30.8235, 34.2319, 43.0131

Protanopia

33.1326, 34.1731, 41.4090

Deuteranopia

34.7740, 33.9765, 43.7551



Tritanopia

31.2001, 34.1212, 44.9860

Trichromacy



Original Color

30.8235, 34.2319, 43.0131

Protanomaly

32.2285, 34.2027, 41.9490

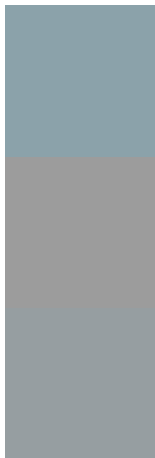
Deuteranomaly

33.1438, 33.8853, 43.3217

Tritanomaly

31.1029, 34.0823, 44.4744

Monochromacy



Original Color

30.8235, 34.2319, 43.0131

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2376, 33.5110, 38.5401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8235, 34.2319, 43.0131 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(139, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(139, 162, 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(139, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 162, 170) }
```

Border

The CSS property to change the border of an element to XYZ 30.8235, 34.2319, 43.0131 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(139, 162, 170) }
```


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

```
.border{ border-color:rgb(139, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(139, 162,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8235, 34.2319, 43.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 162, 170) }
```

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

```
.background{ background-color: rgb(139,  
162, 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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