

Converting Colors

XYZ(30.5875, 34.0993, 43.4978)

Have a look what the booklet for
XYZ(30.5875, 34.0993, 43.4978)
contains.

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Color

**XYZ(30.5875, 34.0993,
43.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	89A2AB
RGB	137, 162, 171
RGB Percent	54%, 64%, 67%
CMY	0.4627, 0.3647, 0.3294
CMYK	0.20, 0.05, 0.00, 0.33
HSL	196°, 17%, 60%
HSV	196°, 20%, 67%
XYZ	30.5875, 34.0993, 43.4978
YIQ	155.5510, -17.7890, -2.5010

Conversions

Conversions Part 2

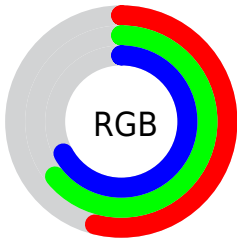
Format	Color
RYB	137, 151, 171
Decimal	9020075
CIELab	65.04, -6.68, -7.57
CIELCh	65, 10.095, 228.601
Yxy	34.0993, 0.2827, 0.3152
Android (android.graphics.Color)	4287210155 (0xFF89A2AB)
YUV	155.5510, 7.6164, -16.2692
Hunter-Lab	58.3946, -8.6910, -3.2885

Details

The XYZ color **30.5875, 34.0993, 43.4978** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5891, 31.0217, 27.9903**, and the grayscale version is **31.3737, 33.0076, 35.9452**.

A 20% lighter version of the original color is **60.0262, 66.1931, 81.5643**, and **12.7435, 14.4622, 19.5726** is the 20% darker color. If you saturate the color by 10%, you get **27.2209, 31.2024, 43.1166**, and if you desaturate by 10%, it is **34.4291, 37.2854, 43.9109**.

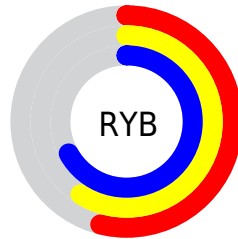
Distribution



Red (54%)

Green (64%)

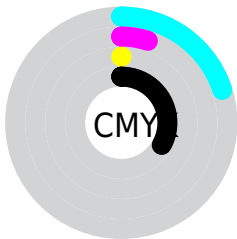
Blue (67%)



Red (54%)

Yellow (59%)

Blue (67%)

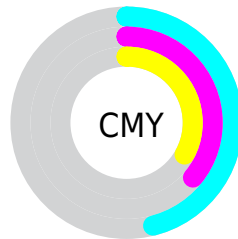


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (46%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5875, 34.0993, 43.4978 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 30.5875, 34.0993, 43.4978 by changing the saturation by 10% instead.

■ 30.5875, 34.0993,
43.4978

■ 30.5875, 34.0993,
43.4978

296.4943,
320.5746, 376.6362

■ 20.4352, 22.9699,
29.9416

■ 59.9703, 66.0881,
81.7559

■ 12.8219, 14.5713,
19.5426

■ 79.9316, 87.7162,
107.2949

■ 7.3822, 8.5191,
11.8822

■ 103.8932,
113.6127, 137.6653

■ 3.7507, 4.4288,
6.5420

132.2205,
144.1620, 173.2855

■ 1.5621, 1.9162,
3.1033

165.2790,
179.7484, 214.5742

■ 0.3675, 0.5581,
1.1476

203.4339,

■ 0.0000, 0.0000,

220.7564, 261.9498

0.0000

247.0505,
267.5703, 315.8310

■ 30.5875, 34.0993,
43.4978

■ 30.5875, 34.0993,
43.4978

■ 27.2209, 31.2024,
43.1166

■ 34.4291, 37.2854,
43.9109

■ 24.3050, 28.5791,
42.7640

■ 38.7625, 40.7672,
44.3545

■ 21.8181, 26.2187,
42.4394

■ 43.6073, 44.5561,
44.8305

■ 19.7352, 24.1078,
42.1418

■ 48.9811, 48.6616,
45.3397

■ 18.0287, 22.2317,
41.8696

■ 54.9007, 53.0928,
45.8830

■ 16.6670, 20.5737,
41.6213

■ 61.3822, 57.8583,
46.4612

■ 15.6134, 19.1144,
41.3952

■ 67.8117, 62.6421,
47.0457

■ 14.7887, 17.8123,
41.1873

■ 68.8321, 64.6829,
47.3859

■ 14.7794, 17.7975,
41.1850

■ 69.8835, 66.7856,
47.7363

Harmonies

Analogous

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



29.8196, 34.0993, 39.7548



30.5875, 34.0993, 43.4978



31.8582, 34.0993, 45.5887

Triad

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



30.5875, 34.0993, 43.4978



35.2436, 34.0993, 38.7416



31.5223, 34.0993, 30.0118

Complementary

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



30.5875, 34.0993, 43.4978



31.5891, 31.0217, 27.9903

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.



32.9689, 34.0993, 29.7853



30.5875, 34.0993, 43.4978



35.1470, 34.0993, 34.6202

Square

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



30.5875, 34.0993, 43.4978



34.5641, 34.0993, 42.7082



34.3042, 34.0993, 31.4132



30.3480, 34.0993, 32.0569

Rectangle

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



30.5875, 34.0993, 43.4978



32.8324, 34.0993, 45.6670



34.3042, 34.0993, 31.4132



31.9919, 34.0993, 29.7265

Sweetspot

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



30.5885, 34.1007, 43.4986



64.4853, 69.0668, 78.9344



30.0295, 36.5046, 32.4546



14.2740, 15.3162, 17.5917



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.



30.5885, 34.1007, 43.4986



51.9398, 58.6520, 77.5853



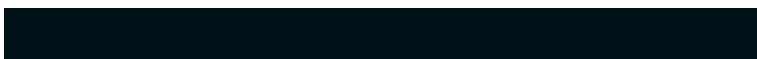
27.8697, 28.6632, 42.5923



8.0543, 8.7080, 10.2090



11.1860, 13.5059, 31.0618



0.3527, 0.4587, 0.8779

Inverse Universe

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



32.2626, 29.1586, 38.1118



55.5486, 48.2777, 65.9103



34.3191, 36.4819, 28.9003



8.2452, 8.1113, 9.6021



15.5098, 7.6665, 15.5961



0.4524, 0.2217, 0.5442

Previews

White Background



This preview shows how the XYZ color 30.5875, 34.0993, 43.4978 looks on a white background.

Color Contrast Check

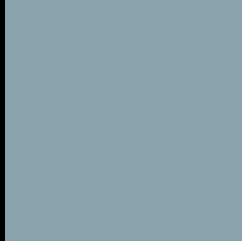
Large Text (above 18pt) WCAG AA × Fail

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 30.5875, 34.0993, 43.4978 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

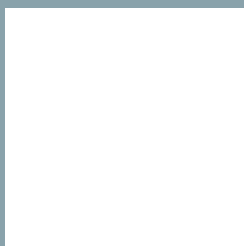
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5875, 34.0993, 43.4978

Background



This preview shows how black text looks on a background with the XYZ color 30.5875, 34.0993, 43.4978.

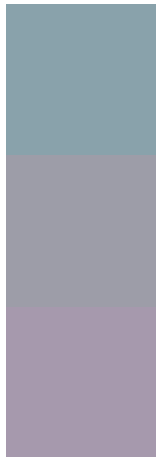


This preview shows how white text looks on a background with the XYZ color 30.5875, 34.0993,

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

30.5875, 34.0993, 43.4978

Protanopia

33.0295, 34.1092, 41.8887

Deuteranopia

34.6599, 33.9066, 44.2530



Tritanopia

30.8661, 33.9490, 44.9704

Trichromacy



Original Color

30.5875, 34.0993, 43.4978

Protanomaly

32.1372, 34.1449, 42.4329

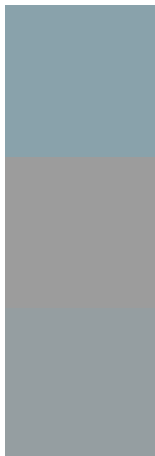
Deuteranomaly

32.8524, 33.7241, 43.8076

Tritanomaly

30.7689, 33.9101, 44.4588

Monochromacy



Original Color

30.5875, 34.0993, 43.4978

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0543, 33.4165, 38.5315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5875, 34.0993, 43.4978 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(137, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(137, 162, 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(137, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 162, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.5875, 34.0993, 43.4978 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(137, 162, 171) }
```


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

```
.border{ border-color:rgb(137, 162, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 162, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 162, 171);  
box-shadow:4px 4px 4px 4px rgb(137, 162,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5875, 34.0993, 43.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 162, 171) }
```

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

```
.background{ background-color: rgb(137,  
162, 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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