

Converting Colors

XYZ(30.4039, 33.4376, 43.3932)

Have a look what the booklet for
XYZ(30.4039, 33.4376, 43.3932)
contains.

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Color

**XYZ(30.4027, 33.4852,
43.3890)**

Conversions

Conversions Part 1	
Format	Color
Hex	8AA0AB
RGB	138, 160, 171
RGB Percent	54%, 63%, 67%
CMY	0.4588, 0.3725, 0.3294
CMYK	0.19, 0.06, 0.00, 0.33
HSL	200°, 16%, 61%
HSV	200°, 19%, 67%
XYZ	30.4027, 33.4852, 43.3890
YIQ	154.6760, -16.6430, -1.2430

Conversions

Conversions Part 2

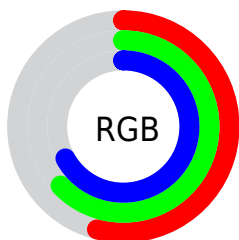
Format	Color
RYB	138, 151, 171
Decimal	9085099
CIELab	64.55, -5.26, -8.29
CIELCh	65, 9.819, 237.628
Yxy	33.4852, 0.2834, 0.3121
Android (android.graphics.Color)	4287275179 (0xFF8AA0AB)
YUV	154.6760, 8.0477, -14.6249
Hunter-Lab	57.8664, -7.4832, -3.9500

Details

The XYZ color **30.4027, 33.4852, 43.3890** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1297, 31.9876, 28.5261**, and the grayscale version is **30.9842, 32.5978, 35.4990**.

A 20% lighter version of the original color is **59.7661, 65.2983, 81.4053**, and **12.7289, 14.2954, 19.5412** is the 20% darker color. If you saturate the color by 10%, you get **26.8281, 30.2101, 42.9458**, and if you desaturate by 10%, it is **34.4700, 37.0833, 43.8697**.

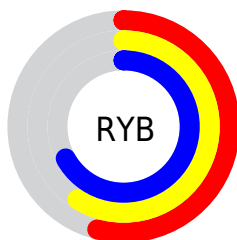
Distribution



Red (54%)

Green (63%)

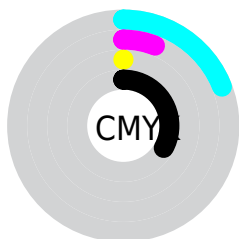
Blue (67%)



Red (54%)

Yellow (59%)

Blue (67%)

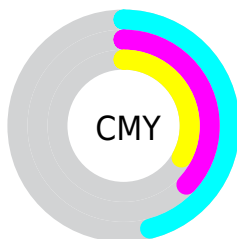


Cyan (19%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (46%)


Magenta (37%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4027, 33.4852, 43.3890 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 30.4027, 33.4852, 43.3890 by changing the saturation by 10% instead.


 30.4027, 33.4852,
43.3890


 30.4027, 33.4852,
43.3890


295.6533,
317.8304, 376.1772


 20.2940, 22.4984,
29.8568


 59.6807, 65.1323,
81.5902

 12.7185, 14.2236,
19.4788

 79.5808, 86.5614,
107.0963

 7.3106, 8.2763,
11.8364


 103.4753,
112.2401, 137.4307

 3.7052, 4.2723,
6.5112

131.7298,
142.5527, 173.0120

 1.5367, 1.8270,
3.0846

164.7094,
177.8836, 214.2588

 0.3506, 0.5039,
1.1380


202.7797,

 0.0000, 0.0000,


218.6173, 261.5896


0.0000

246.3058,
265.1381, 315.4228


 30.4027, 33.4852,
43.3890


 30.4027, 33.4852,
43.3890


 26.8281, 30.2101,
42.9458


 34.4700, 37.0833,
43.8697


 23.7219, 27.2419,
42.5366

 39.0472, 41.0114,
44.3866


 21.0620, 24.5693,
42.1609

 44.1539, 45.2816,
44.9417

 18.8232, 22.1782,
41.8174

 49.8081, 49.9038,
45.5359

 16.9778, 20.0536,
41.5045

 56.0269, 54.8876,
46.1701

■ 15.4943, 18.1780,
41.2207

■ 62.8263, 60.2422,
46.8453

■ 14.3358, 16.5317,
40.9640

■ 69.2208, 65.4604,
47.5154

■ 13.4298, 15.0761,
40.7308

■ 70.5645, 68.1477,
47.9633

■ 13.3696, 14.9779,
40.7150

■ 71.9579, 70.9345,
48.4278

Harmonies

Analogous

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



29.4937, 33.4852, 40.1647



30.4027, 33.4852, 43.3890



31.7151, 33.4852, 44.7451

Triad

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



30.4027, 33.4852, 43.3890



34.6016, 33.4852, 36.7807



30.5908, 33.4852, 30.0283

Complementary

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



30.4027, 33.4852, 43.3890



32.1297, 31.9876, 28.5261

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.



31.9386, 33.4852, 29.2659



30.4027, 33.4852, 43.3890



34.2795, 33.4852, 32.9898

Square

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



30.4027, 33.4852, 43.3890



34.1622, 33.4852, 40.7590



33.2944, 33.4852, 30.3104



29.6001, 33.4852, 32.4739

Rectangle

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



30.4027, 33.4852, 43.3890



32.6514, 33.4852, 44.3377



33.2944, 33.4852, 30.3104



31.0159, 33.4852, 29.5749

Sweetspot

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



30.4037, 33.4866, 43.3898



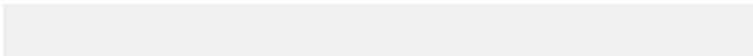
64.2486, 68.5934, 78.8555



30.4257, 36.6821, 33.6814



14.2159, 15.2001, 17.5723



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.



30.4037, 33.4866, 43.3898



51.7154, 57.4927, 77.3734



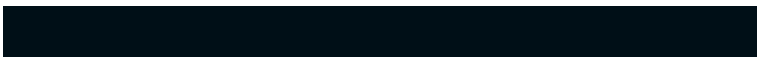
27.8133, 28.3058, 42.5263



8.0081, 8.6155, 10.1936



10.1284, 11.3906, 30.7093



0.3293, 0.4119, 0.8701

Inverse Universe

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



32.2290, 29.3736, 37.2304



55.6088, 48.9658, 64.1801



34.8287, 37.3857, 29.4258



8.2219, 8.1020, 9.4792



14.9760, 7.4529, 12.7848



0.4406, 0.2169, 0.4819

Previews

White Background



This preview shows how the XYZ color 30.4027, 33.4852, 43.3890 looks on a white background.

Color Contrast Check

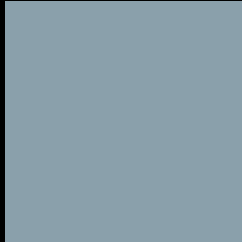
Large Text (above 18pt) WCAG AA × Fail

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 30.4027, 33.4852, 43.3890 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

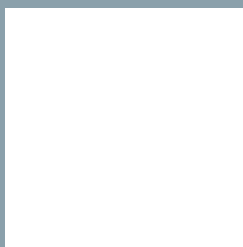
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4027, 33.4852, 43.3890

Background



This preview shows how black text looks on a background with the XYZ color 30.4027, 33.4852, 43.3890.



This preview shows how white text looks on a background with the XYZ color 30.4027, 33.4852,

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

30.4027, 33.4852, 43.3890

Protanopia

32.4995, 33.3378, 41.7677

Deuteranopia

34.0809, 33.3661, 44.1792



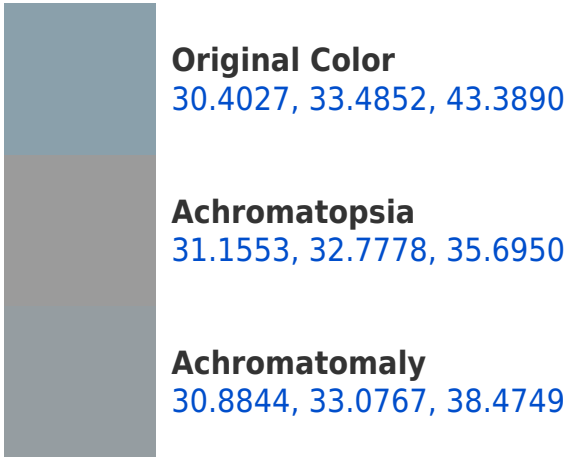
Tritanopia

30.4984, 33.5234, 43.8930

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4027, 33.4852, 43.3890 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(138, 160, 171) looks like.

```
.text, #text, p{  
    color:rgb(138, 160, 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(138, 160, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 160, 171) }
```

Border

The CSS property to change the border of an element to XYZ 30.4027, 33.4852, 43.3890 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(138, 160, 171) }
```


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

```
.border{ border-color:rgb(138, 160, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 160, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 160, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 160, 171);  
box-shadow:4px 4px 4px 4px rgb(138, 160,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4027, 33.4852, 43.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 160, 171) }
```

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

```
.background{ background-color: rgb(138,  
160, 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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