

Converting Colors

XYZ(30.3854, 30.9943, 43.4107)

Have a look what the booklet for
XYZ(30.3854, 30.9943, 43.4107)
contains.

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Color

**XYZ(30.3854, 30.9943,
43.4107)**

Conversions

Conversions Part 1

Format	Color
Hex	9396AC
RGB	147, 150, 172
RGB Percent	58%, 59%, 67%
CMY	0.4235, 0.4118, 0.3255
CMYK	0.15, 0.13, 0.00, 0.33
HSL	233°, 13%, 63%
HSV	233°, 15%, 67%
XYZ	30.3854, 30.9943, 43.4107
YIQ	151.6110, -8.8500, 6.2060

Conversions

Conversions Part 2

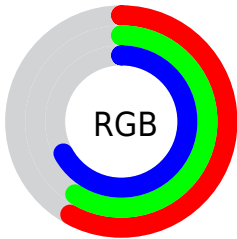
Format	Color
R_{YB}	147, 150, 172
Decimal	9672364
CIE _{Lab}	62.50, 3.51, -11.85
CIE _{LCh}	63, 12.360, 286.498
Yxy	30.9943, 0.2900, 0.2958
Android (android.graphics.Color)	4287862444 (0xFF9396AC)
YUV	151.6110, 10.0518, -4.0438
Hunter-Lab	55.6725, -0.0037, -7.2607

Details

The XYZ color **30.3854, 30.9943, 43.4107** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4679, 39.2531, 33.2591**, and the grayscale version is **29.6391, 31.1827, 33.9579**.

A 20% lighter version of the original color is **59.5454, 61.1493, 81.3377**, and **12.6759, 12.7665, 19.5654** is the 20% darker color. If you saturate the color by 10%, you get **25.2677, 25.0000, 42.5239**, and if you desaturate by 10%, it is **36.2782, 37.8528, 44.4244**.

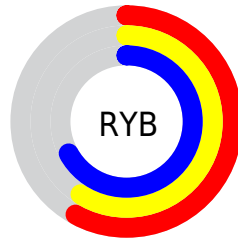
Distribution



Red (58%)

Green (59%)

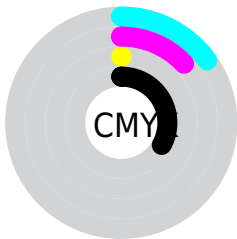
Blue (67%)



Red (58%)

Yellow (59%)

Blue (67%)

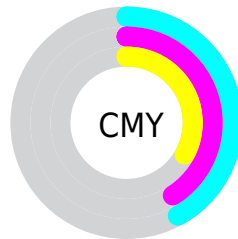


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (33%)



Cyan (42%)

Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3854, 30.9943, 43.4107 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 30.3854, 30.9943, 43.4107 by changing the saturation by 10% instead.

■ 30.3854, 30.9943,
43.4107

■ 30.3854, 30.9943,
43.4107

295.5745,
306.5121, 376.2688

■ 20.2808, 20.5945,
29.8737

■ 59.6536, 61.2311,
81.6233

■ 12.7088, 12.8279,
19.4915

■ 79.5479, 81.8369,
107.1359

■ 7.3039, 7.3102,
11.8456

103.4362,
106.6135, 137.4775

■ 3.7009, 3.6568,
6.5173

131.6838,
135.9452, 173.0666

■ 1.5344, 1.4835,
3.0883

164.6561,
170.2166, 214.3217

■ 0.3490, 0.2771,
1.1399

202.7184,

■ 0.0000, 0.0000,

209.8119, 261.6614

0.0000

246.2361,
255.1156, 315.5043

■ 30.3854, 30.9943,
43.4107

■ 30.3854, 30.9943,
43.4107

■ 25.2677, 25.0000,
42.5239

■ 36.2782, 37.8528,
44.4244

■ 20.8899, 19.8318,
41.7571

■ 42.9735, 45.6041,
45.5677

■ 17.2184, 15.4546,
41.1057

■ 50.5010, 54.2799,
46.8455

■ 14.2160, 11.8289,
40.5641

■ 58.8880, 63.9094,
48.2622

■ 11.8418, 8.9123,
40.1263

■ 68.1605, 74.5206,
49.8217

■ 10.0506, 6.6575,
39.7855

■ 78.3435, 86.1402,
51.5278

■ 8.7909, 5.0119,
39.5342

■ 84.4465, 95.7586,
53.0626

■ 8.0016, 3.9142,
39.3640

■ 7.7083, 3.5022,
39.2999

Harmonies

Analogous

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



28.7119, 30.9943, 43.5588



30.3854, 30.9943, 43.4107



31.8632, 30.9943, 40.5201

Triad

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



30.3854, 30.9943, 43.4107



31.7377, 30.9943, 27.4760



26.4304, 30.9943, 31.6347

Complementary

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



30.3854, 30.9943, 43.4107



36.4679, 39.2531, 33.2591

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.



27.1792, 30.9943, 27.7751



30.3854, 30.9943, 43.4107



30.2193, 30.9943, 25.5326

Square

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



30.3854, 30.9943, 43.4107



32.6640, 30.9943, 31.1896



28.5519, 30.9943, 25.6366



26.4711, 30.9943, 36.4416

Rectangle

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



30.3854, 30.9943, 43.4107



32.5197, 30.9943, 37.5702



28.5519, 30.9943, 25.6366



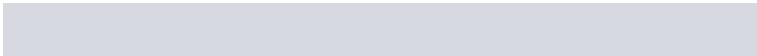
26.5969, 30.9943, 30.1934

Sweetspot

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



30.3863, 30.9956, 43.4114



66.3425, 69.2841, 80.6823



33.9159, 38.5607, 43.0282



14.2352, 14.8452, 17.5028



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.



30.3863, 30.9956, 43.4114



52.4141, 53.0627, 78.2854



31.6234, 30.9314, 43.3338



7.6535, 7.9064, 10.0754



5.7587, 2.6512, 29.2527



0.1841, 0.1215, 0.8217

Inverse Universe

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



32.9528, 31.8409, 33.2647



57.8621, 54.8896, 56.7385



35.0897, 39.3811, 33.3565



8.0429, 8.0304, 8.5368



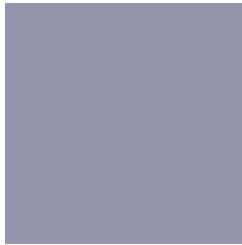
12.7704, 6.5707, 1.1702



0.3673, 0.1876, 0.0960

Previews

White Background



This preview shows how the XYZ color 30.3854, 30.9943, 43.4107 looks on a white background.

Color Contrast Check

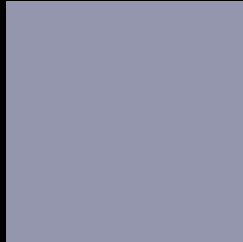
Large Text (above 18pt) WCAG AA × Fail

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 30.3854, 30.9943, 43.4107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

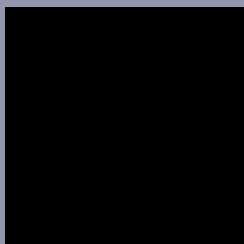
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

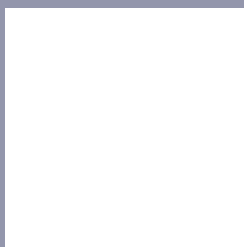
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3854, 30.9943, 43.4107

Background



This preview shows how black text looks on a background with the XYZ color 30.3854, 30.9943, 43.4107.



This preview shows how white text looks on a background with the XYZ color 30.3854, 30.9943,

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

30.3854, 30.9943, 43.4107

Protanopia

30.3854, 30.9943, 43.4107

Deuteranopia

31.6868, 30.9525, 43.8395



Tritanopia

29.3545, 30.7973, 39.0477

Trichromacy



Original Color

30.3854, 30.9943, 43.4107

Protanomaly

30.3854, 30.9943, 43.4107

Deuteranomaly

31.2696, 30.9692, 43.8647

Tritanomaly

29.8036, 30.9974, 40.4887

Monochromacy



Original Color

30.3854, 30.9943, 43.4107

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.9023, 31.1205, 37.2317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3854, 30.9943, 43.4107 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(147, 150, 172)` looks like.

```
.text, #text, p{  
    color:rgb(147, 150, 172)  
}
```

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(147, 150, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 150, 172) }
```

Border

The CSS property to change the border of an element to XYZ 30.3854, 30.9943, 43.4107 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(147, 150, 172) }
```


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

```
.border{ border-color:rgb(147, 150, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 150, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 150, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 150, 172);  
box-shadow:4px 4px 4px 4px rgb(147, 150,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3854, 30.9943, 43.4107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 150, 172) }
```

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

```
.background{ background-color: rgb(147,  
150, 172) }
```

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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