

Converting Colors

XYZ(34.5970, 31.5040, 44.0240)

Have a look what the booklet for
XYZ(34.5970, 31.5040, 44.0240)
contains.

XYZ(34.5989, 31.5463, 43.8006)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.5989, 31.5463,
43.8006)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8FAD
RGB	173, 143, 173
RGB Percent	68%, 56%, 68%
CMY	0.3216, 0.4392, 0.3216
CMYK	0.00, 0.17, 0.00, 0.32
HSL	300°, 15%, 62%
HSV	300°, 17%, 68%
XYZ	34.5989, 31.5463, 43.8006
YIQ	155.3900, 8.2500, 15.6900

Conversions

Conversions Part 2

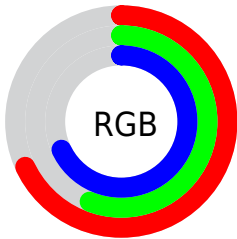
Format	Color
RYB	173, 143, 173
Decimal	11374509
CIELab	62.97, 16.64, -11.49
CIELCh	63, 20.220, 325.367
Yxy	31.5463, 0.3147, 0.2869
Android (android.graphics.Color)	4289564589 (0xFFAD8FAD)
YUV	155.3900, 8.6817, 15.4440
Hunter-Lab	56.1661, 11.6672, -6.9205

Details

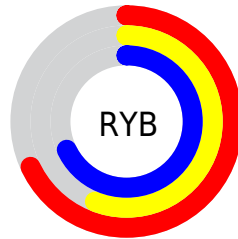
The XYZ color **34.5989, 31.5463, 43.8006** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.2305, 37.7110, 31.6213**, and the grayscale version is **31.2894, 32.9189, 35.8487**.

A 20% lighter version of the original color is **66.2829, 62.1920, 81.9095**, and **15.1113, 13.2022, 19.8410** is the 20% darker color. If you saturate the color by 10%, you get **32.1998, 26.7476, 43.0011**, and if you desaturate by 10%, it is **37.4004, 37.1488, 44.7350**.

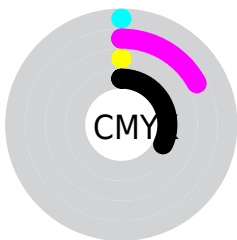
Distribution



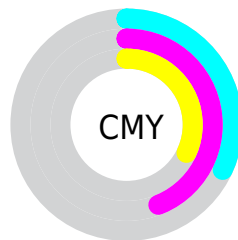
- Red (68%)
- Green (56%)
- Blue (68%)



- Red (68%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (32%)





- Cyan (32%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5989, 31.5463, 43.8006 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 34.5989, 31.5463, 43.8006 by changing the saturation by 10% instead.


 34.5989, 31.5463,
43.8006

 34.5989, 31.5463,
43.8006


314.3335,
309.0473, 377.9115

 23.5191, 21.0152,
30.1777


 66.2021, 62.0992,
82.2169

 15.1001, 13.1351,
19.7203

 87.4562, 82.8897,
107.8474

 8.9764, 7.5216,
12.0099


112.8324,
107.8688, 138.3175

 4.7828, 3.7904,
6.6278

142.6962,
137.4209, 174.0458

 2.1538, 1.5570,
3.1555

177.4128,
171.9305, 215.4508

 0.7182, 0.3284,
1.1746

217.3477,

 0.0000, 0.0000,

211.7818, 262.9511

0.0000

262.8661,
257.3592, 316.9651

■ 34.5989, 31.5463,
43.8006

■ 34.5989, 31.5463,
43.8006

■ 32.1998, 26.7476,
43.0011

■ 37.4004, 37.1488,
44.7350

■ 30.1820, 22.7120,
42.3283

■ 40.6186, 43.5851,
45.8078

■ 28.5266, 19.4014,
41.7764

■ 44.2706, 50.8890,
47.0253

■ 27.2123, 16.7729,
41.3382

■ 48.3716, 59.0909,
48.3925

■ 26.2153, 14.7789,
41.0057

■ 52.9361, 68.2199,
49.9141

■ 25.5088, 13.3659,
40.7700

■ 57.9781, 78.3038,
51.5949

■ 25.0616, 12.4716,
40.6208

■ 60.5370, 83.4216,
52.4481

■ 24.8265, 12.0014,
40.5423

■ 60.5370, 83.4217,
52.4482

■ 24.7765, 11.9015,
40.5256

■ 60.5371, 83.4217,
52.4484

Harmonies

Analogous

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



32.3318, 31.5463, 50.1152



34.5989, 31.5463, 43.8006



35.6315, 31.5463, 35.5997

Triad

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



34.5989, 31.5463, 43.8006



30.4175, 31.5463, 21.2416



25.4100, 31.5463, 41.3307

Complementary

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



34.5989, 31.5463, 43.8006



31.2305, 37.7110, 31.6213

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.



24.9669, 31.5463, 33.1271



34.5989, 31.5463, 43.8006



27.7524, 31.5463, 22.2932

Square

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



34.5989, 31.5463, 43.8006



33.1243, 31.5463, 23.2328



25.7985, 31.5463, 26.3647



27.0483, 31.5463, 48.5417

Rectangle

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



34.5989, 31.5463, 43.8006



35.4371, 31.5463, 30.4507



25.7985, 31.5463, 26.3647



25.1208, 31.5463, 38.5656

Sweetspot

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



34.5998, 31.5477, 43.8013



68.2130, 68.9939, 80.5276



28.6944, 28.5033, 43.5252



14.7427, 14.8309, 17.4733



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.



34.5998, 31.5477, 43.8013



60.1501, 52.8682, 77.8395



33.2287, 30.9992, 36.5811



8.3371, 8.1481, 10.0860



18.2018, 8.7433, 29.7716



0.5064, 0.2432, 0.8282

Inverse Universe

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



34.5998, 31.5477, 43.8013



60.1501, 52.8682, 77.8395



32.4440, 38.1964, 38.0116



8.3371, 8.1481, 10.0860



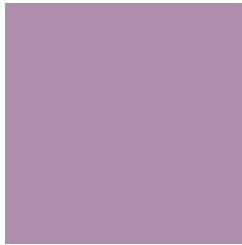
18.2018, 8.7433, 29.7716



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 34.5989, 31.5463, 43.8006 looks on a white background.

Color Contrast Check

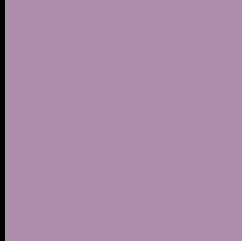
Large Text (above 18pt) WCAG AA × Fail

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 34.5989, 31.5463, 43.8006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

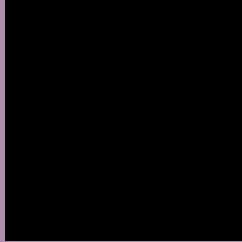
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5989, 31.5463, 43.8006

Background



This preview shows how black text looks on a background with the XYZ color 34.5989, 31.5463, 43.8006.



This preview shows how white text looks on a background with the XYZ color 34.5989, 31.5463,

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

34.5989, 31.5463, 43.8006

Protanopia

31.1351, 31.5506, 46.5684

Deuteranopia

32.2944, 31.7426, 43.4546



Tritanopia

33.1593, 31.6500, 36.2597

Trichromacy



Original Color

34.5989, 31.5463, 43.8006

Protanomaly

32.1367, 31.3823, 45.4379

Deuteranomaly

32.9844, 31.6325, 43.3969

Tritanomaly

33.7495, 31.6658, 38.9836

Monochromacy



Original Color

34.5989, 31.5463, 43.8006

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.4885, 32.4232, 38.7284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5989, 31.5463, 43.8006 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(173, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(173, 143, 173)  
}
```

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(173, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 143, 173) }
```

Border

The CSS property to change the border of an element to XYZ 34.5989, 31.5463, 43.8006 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(173, 143, 173) }
```


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

```
.border{ border-color:rgb(173, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(173, 143,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5989, 31.5463, 43.8006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 143, 173) }
```

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

```
.background{ background-color: rgb(173,  
143, 173) }
```

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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