

Converting Colors

XYZ(34.6162, 31.7524, 43.3261)

Have a look what the booklet for
XYZ(34.6162, 31.7524, 43.3261)
contains.

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Color

**XYZ(34.6532, 31.8093,
43.3431)**

Conversions

Conversions Part 1

Format	Color
Hex	AD90AC
RGB	173, 144, 172
RGB Percent	68%, 56%, 67%
CMY	0.3216, 0.4353, 0.3255
CMYK	0.00, 0.17, 0.01, 0.32
HSL	302°, 15%, 62%
HSV	302°, 17%, 68%
XYZ	34.6532, 31.8093, 43.3431
YIQ	155.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

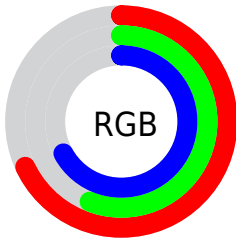
Format	Color
R _Y B	173, 144, 172
Decimal	11374764
CIE Lab	63.18, 15.88, -10.60
CIE LCh	63, 19.092, 326.282
Yxy	31.8093, 0.3156, 0.2897
Android (android.graphics.Color)	4289564844 (0xFFAD90AC)
YUV	155.8630, 7.9555, 15.0291
Hunter-Lab	56.3997, 10.9747, -6.0845

Details

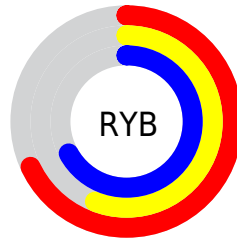
The XYZ color **34.6532, 31.8093, 43.3431** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.5572, 37.8616, 32.4345**, and the grayscale version is **31.5027, 33.1433, 36.0931**.

A 20% lighter version of the original color is **66.3723, 62.5922, 81.2564**, and **15.0502, 13.1778, 19.5196** is the 20% darker color. If you saturate the color by 10%, you get **32.1743, 26.9424, 42.2350**, and if you desaturate by 10%, it is **37.5358, 37.4821, 44.5877**.

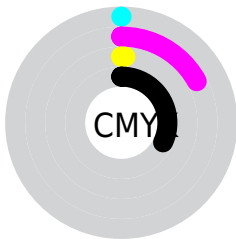
Distribution



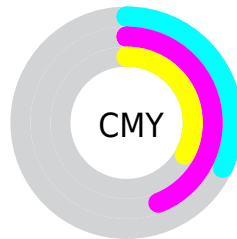
- Red (68%)
- Green (56%)
- Blue (67%)



- Red (68%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6532, 31.8093, 43.3431 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 34.6532, 31.8093, 43.3431 by changing the saturation by 10% instead.

■ 34.6532, 31.8093,
43.3431

■ 34.6532, 31.8093,
43.3431

314.5698,
310.2496, 375.9835

■ 23.5611, 21.2159,
29.8210

■ 66.2857, 62.5120,
81.5203

■ 15.1313, 13.2819,
19.4519

■ 87.5569, 83.3901,
107.0124

■ 8.9985, 7.6229,
11.8171

112.9518,
108.4652, 137.3317

■ 4.7973, 3.8546,
6.4983

142.8358,
138.1217, 172.8966

■ 2.1624, 1.5926,
3.0767

177.5742,
172.7440, 214.1257

■ 0.7228, 0.3526,
1.1339

217.5325,

■ 0.0000, 0.0000,

212.7165, 261.4375

0.0000

263.0759,
258.4236, 315.2506

■ 34.6532, 31.8093,
43.3431

■ 34.6532, 31.8093,
43.3431

■ 32.1743, 26.9424,
42.2350

■ 37.5358, 37.4821,
44.5877

■ 30.0780, 22.8409,
41.2554

■ 40.8363, 43.9908,
45.9725

■ 28.3456, 19.4669,
40.3984

■ 44.5718, 51.3689,
47.5036

■ 26.9558, 16.7776,
39.6568

■ 48.7573, 59.6469,
49.1860

■ 25.8850, 14.7259,
39.0229

■ 53.4075, 68.8537,
51.0245

■ 25.1066, 13.2586,
38.4876

■ 58.5362, 79.0171,
53.0239

■ 24.5898, 12.3139,
38.0408

■ 60.8479, 83.5460,
54.0854

■ 24.2907, 11.8044,
37.6678

■ 60.9071, 83.5697,
54.3975

■ 24.2120, 11.6756,
37.5534

■ 60.9666, 83.5935,
54.7109

Harmonies

Analogous

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



32.5364, 31.8093, 49.3649



34.6532, 31.8093, 43.3431



35.5845, 31.8093, 35.5858

Triad

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



34.6532, 31.8093, 43.3431



30.5640, 31.8093, 22.0646



25.9091, 31.8093, 41.4752

Complementary

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



34.6532, 31.8093, 43.3431



31.5572, 37.8616, 32.4345

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.



25.4483, 31.8093, 33.7011



34.6532, 31.8093, 43.3431



28.0425, 31.8093, 23.1720

Square

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



34.6532, 31.8093, 43.3431



33.1385, 31.8093, 23.9004



26.2071, 31.8093, 27.1790



27.5040, 31.8093, 48.1810

Rectangle

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



34.6532, 31.8093, 43.3431



35.3700, 31.8093, 30.7189



26.2071, 31.8093, 27.1790



25.6206, 31.8093, 38.8704

Sweetspot

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



34.6541, 31.8107, 43.3438



68.1605, 68.9729, 80.2509



29.1887, 28.9820, 43.5913



14.7298, 14.8258, 17.4052



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.



34.6541, 31.8107, 43.3438



60.3885, 53.6801, 76.8860



33.3393, 31.2848, 36.4201



8.3250, 8.1432, 10.0221



17.7917, 8.5792, 27.6120



0.4986, 0.2401, 0.7872

Inverse Universe

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



34.6541, 31.8107, 43.3438



60.3885, 53.6801, 76.8860



32.7449, 38.3367, 38.6886



8.3250, 8.1432, 10.0221



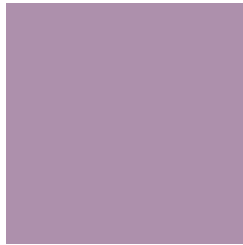
17.7917, 8.5792, 27.6120



0.4986, 0.2401, 0.7872

Previews

White Background



This preview shows how the XYZ color 34.6532, 31.8093, 43.3431 looks on a white background.

Color Contrast Check

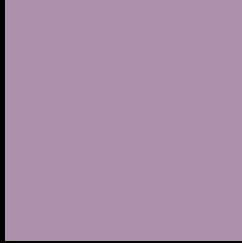
Large Text (above 18pt) WCAG AA × Fail

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 34.6532, 31.8093, 43.3431 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 34.6532, 31.8093, 43.3431

Background



This preview shows how black text looks on a background with the XYZ color 34.6532, 31.8093, 43.3431.



This preview shows how white text looks on a background with the XYZ color 34.6532, 31.8093,

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

34.6532, 31.8093, 43.3431

Protanopia

31.5585, 32.0204, 46.1122

Deuteranopia

32.5953, 31.9087, 42.9691



Tritanopia

33.2450, 31.6843, 36.7112

Trichromacy



Original Color

34.6532, 31.8093, 43.3431

Protanomaly

32.5859, 31.8591, 44.9894

Deuteranomaly

33.3015, 31.8070, 42.9123

Tritanomaly

33.7495, 31.6658, 38.9836

Monochromacy



Original Color

34.6532, 31.8093, 43.3431

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.6501, 32.7465, 38.7823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6532, 31.8093, 43.3431 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, 144, 172)` looks like.

```
.text, #text, p{  
    color:rgb(173, 144, 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(173, 144, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 144, 172) }
```

Border

The CSS property to change the border of an element to XYZ 34.6532, 31.8093, 43.3431 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, 144, 172) }
```


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

```
.border{ border-color:rgb(173, 144, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 144, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 144, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 144, 172);  
box-shadow:4px 4px 4px 4px rgb(173, 144,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6532, 31.8093, 43.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 144, 172) }
```

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

```
.background{ background-color: rgb(173,  
144, 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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