

Converting Colors

XYZ(38.6193, 34.6918, 41.8532)

Have a look what the booklet for
XYZ(38.6193, 34.6918, 41.8532)
contains.

XYZ(38.4879, 34.5134, 41.6790)	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(38.4879, 34.5134,
41.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	BD93A8
RGB	189, 147, 168
RGB Percent	74%, 58%, 66%
CMY	0.2588, 0.4235, 0.3412
CMYK	0.00, 0.22, 0.11, 0.26
HSL	330°, 24%, 66%
HSV	330°, 22%, 74%
XYZ	38.4879, 34.5134, 41.6790
YIQ	161.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

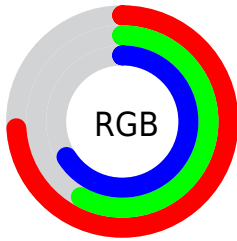
Format	Color
R_{YB}	189, 147, 168
Decimal	12424104
CIE _{Lab}	65.37, 19.19, -4.93
CIE _{LCh}	65, 19.810, 345.600
Yxy	34.5134, 0.3356, 0.3010
Android (android.graphics.Color)	4290614184 (0xFFBD93A8)
YUV	161.9520, 2.9817, 23.7211
Hunter-Lab	58.7481, 14.1323, -0.9398

Details

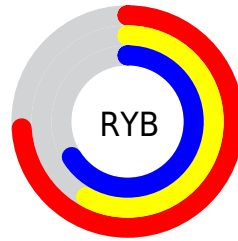
The XYZ color **38.4879, 34.5134, 41.6790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2995, 45.4264, 43.8502**, and the grayscale version is **34.3015, 36.0878, 39.2997**.

A 20% lighter version of the original color is **72.2120, 66.6938, 78.8793**, and **17.3269, 14.7776, 18.4621** is the 20% darker color. If you saturate the color by 10%, you get **34.9383, 28.7721, 36.3087**, and if you desaturate by 10%, it is **42.5863, 41.2491, 47.5488**.

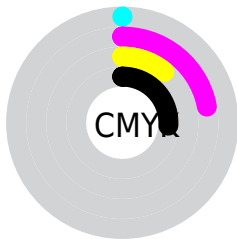
Distribution



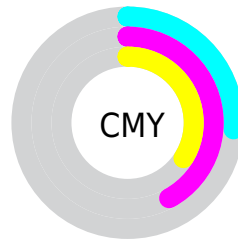
- Red (74%)
- Green (58%)
- Blue (66%)



- Red (74%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (26%)





- Cyan (26%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4879, 34.5134, 41.6790 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 38.4879, 34.5134, 41.6790 by changing the saturation by 10% instead.


 38.4879, 34.5134,
41.6790

 38.4879, 34.5134,
41.6790

330.9531,
322.4153, 368.9109

 26.5405, 23.2883,
28.5263


 72.1544, 66.7313,
78.9784

 17.3632, 14.8065,
18.4803


 94.6043, 88.4928,
103.9622

 10.5907, 8.6837,
11.1224


121.2857,
114.5352, 133.7269

 5.8576, 4.5355,
6.0340

152.5640,
145.2430, 168.6908

 2.7985, 1.9774,
2.7966

188.8045,
181.0005, 209.2727

 1.0481, 0.5943,
0.9918

230.3726,

 0.0000, 0.0000,

222.1921, 255.8909

0.0000

277.6337,
269.2022, 308.9641

■ 38.4879, 34.5134,
41.6790

■ 38.4879, 34.5134,
41.6790

■ 34.9383, 28.7721,
36.3087

■ 42.5863, 41.2491,
47.5488

■ 31.9097, 23.9729,
31.4208

■ 47.2539, 49.0189,
53.9301

■ 29.3761, 20.0658,
27.0000

■ 52.5134, 57.8661,
60.8373

■ 27.3081, 16.9940,
23.0296

■ 58.3855, 67.8301,
68.2832

■ 25.6728, 14.6944,
19.4910

■ 64.8901, 78.9483,
76.2805

■ 24.4329, 13.0947,
16.3643

■ 70.2970, 87.7592,
84.2582

■ 23.5438, 12.1085,
13.6264

■ 71.6203, 88.2885,
91.2267

■ 23.0291, 11.6360,
11.7381

■ 73.0161, 88.8468,
98.5767

■ 74.4855, 89.4345,
106.3142

Harmonies

Analogous

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



36.9379, 34.5134, 49.8543



38.4879, 34.5134, 41.6790



38.4544, 34.5134, 33.4587

Triad

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



38.4879, 34.5134, 41.6790



31.3317, 34.5134, 24.2369



29.0664, 34.5134, 50.1394

Complementary

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



38.4879, 34.5134, 41.6790



37.2995, 45.4264, 43.8502

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.



27.7360, 34.5134, 42.0249



38.4879, 34.5134, 41.6790



28.9906, 34.5134, 27.5050

Square

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



38.4879, 34.5134, 41.6790



34.2059, 34.5134, 24.1726



27.7091, 34.5134, 33.7575



31.4409, 34.5134, 55.2038

Rectangle

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



38.4879, 34.5134, 41.6790



37.5345, 34.5134, 29.0530



27.7091, 34.5134, 33.7575



28.4886, 34.5134, 47.6290

Sweetspot

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



38.4889, 34.5149, 41.6797



80.4115, 80.7482, 90.8810



35.7689, 32.8681, 52.6036



17.1849, 17.1860, 19.3968



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.4889, 34.5149, 41.6797



65.4993, 56.2390, 69.5247



36.6877, 33.7945, 32.1949



9.7237, 9.6138, 10.9341



15.5331, 7.8444, 8.1009



0.6415, 0.3205, 0.4912

Inverse Universe

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



38.4889, 34.5149, 41.6797



65.4993, 56.2390, 69.5247



39.4166, 46.2732, 54.9988



9.7237, 9.6138, 10.9341



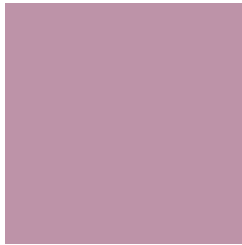
15.5331, 7.8444, 8.1009



0.6415, 0.3205, 0.4912

Previews

White Background



This preview shows how the XYZ color 38.4879, 34.5134, 41.6790 looks on a white background.

Color Contrast Check

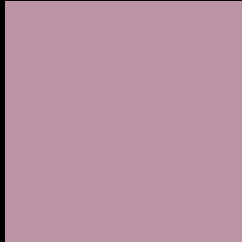
Large Text (above 18pt) WCAG AA × Fail

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 38.4879, 34.5134, 41.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

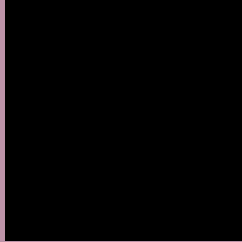
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4879, 34.5134, 41.6790

Background



This preview shows how black text looks on a background with the XYZ color 38.4879, 34.5134, 41.6790.



This preview shows how white text looks on a background with the XYZ color 38.4879, 34.5134,

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

38.4879, 34.5134, 41.6790

Protanopia

33.8694, 34.7170, 45.4734

Deuteranopia

35.3252, 34.5591, 41.3680



Tritanopia

37.6741, 34.4092, 37.9137

Trichromacy



Original Color

38.4879, 34.5134, 41.6790

Protanomaly

35.3642, 34.5248, 43.8298

Deuteranomaly

36.4018, 34.3882, 41.2782

Tritanomaly

37.9398, 34.5155, 39.3128

Monochromacy



Original Color

38.4879, 34.5134, 41.6790

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.7711, 35.5649, 40.1013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4879, 34.5134, 41.6790 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(189, 147, 168)` looks like.

```
.text, #text, p{  
    color:rgb(189, 147, 168)  
}
```

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(189, 147, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 147, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.4879, 34.5134, 41.6790 is called "border". The border property can be set on classes, ids or directly on the HTML element.

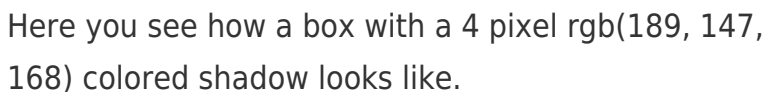
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 147, 168) }
```


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

```
.border{ border-color:rgb(189, 147, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 147, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 147, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 147, 168); box-shadow:4px 4px 4px 4px rgb(189, 147, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4879, 34.5134, 41.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 147, 168) }
```

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

```
.background{ background-color: rgb(189,  
147, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor