

Converting Colors

XYZ(46.9979, 38.8678, 43.5534)

Have a look what the booklet for
XYZ(46.9979, 38.8678, 43.5534)
contains.

XYZ(46.9978, 38.8678, 43.5533)	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(46.9978, 38.8678,
43.5533)**

Conversions

Conversions Part 1

Format	Color
Hex	DB93AB
RGB	219, 147, 171
RGB Percent	86%, 58%, 67%
CMY	0.1412, 0.4235, 0.3294
CMYK	0.00, 0.33, 0.22, 0.14
HSL	340°, 50%, 72%
HSV	340°, 33%, 86%
XYZ	46.9978, 38.8678, 43.5533
YIQ	171.2640, 35.2080, 22.7280

Conversions

Conversions Part 2

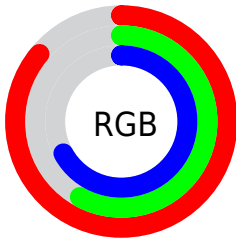
Format	Color
RYB	219, 147, 171
Decimal	14390187
CIELab	68.66, 30.49, -1.40
CIElCh	69, 30.520, 357.364
Yxy	38.8678, 0.3631, 0.3003
Android (android.graphics.Color)	4292580267 (0xFFDB93AB)
YUV	171.2640, -0.1302, 41.8645
Hunter-Lab	62.3440, 25.4594, 2.2211

Details

The XYZ color **46.9978, 38.8678, 43.5533** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.2161, 60.8071, 60.8811**, and the grayscale version is **38.8306, 40.8528, 44.4887**.

A 20% lighter version of the original color is **76.0880, 68.9920, 81.2580**, and **22.5262, 17.3029, 19.6053** is the 20% darker color. If you saturate the color by 10%, you get **42.5952, 32.1680, 35.5945**, and if you desaturate by 10%, it is **52.2046, 46.9292, 52.5396**.

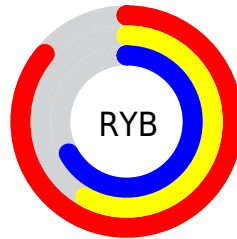
Distribution



Red (86%)

Green (58%)

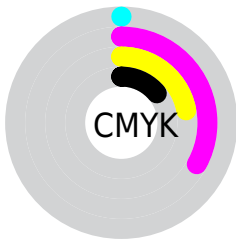
Blue (67%)



Red (86%)

Yellow (58%)

Blue (67%)

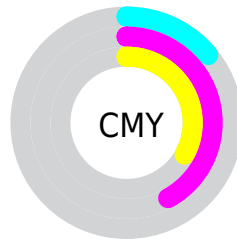


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (14%)



Cyan (14%)


Magenta (42%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.9978, 38.8678, 43.5533 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 46.9978, 38.8678, 43.5533 by changing the saturation by 10% instead.


 46.9978, 38.8678,
43.5533


 46.9978, 38.8678,
43.5533


365.4548,
341.3281, 376.8701

 33.2419, 26.6569,
29.9849


 84.9291, 73.4363,
81.8404

 22.4719, 17.3157,
19.5751


 109.8352, 96.5627,
107.3962

 14.3226, 10.4598,
11.9056


139.1887,
124.0964, 137.7849

 8.4286, 5.7049,
6.5577

173.3549,
156.4218, 173.4250

 4.4245, 2.6665,
3.1128

212.6993,
193.9233, 214.7350

 1.9450, 0.9602,
1.1525

257.5872,

 0.6028, 0.0000,

236.9852, 262.1335

0.0000

308.3839,
285.9920, 316.0390

■ 0.0000, 0.0000,
0.0000

■ 46.9978, 38.8678,
43.5533

■ 46.9978, 38.8678,
43.5533

■ 42.5952, 32.1680,
35.5945

■ 52.2046, 46.9292,
52.5396

■ 38.9517, 26.7485,
28.6223

■ 58.2510, 56.4166,
62.5873

■ 36.0224, 22.5280,
22.5963

■ 65.1743, 67.3969,
73.7316

■ 33.7564, 19.4131,
17.4722

■ 73.0085, 79.9310,
86.0055

■ 32.0954, 17.2967,
13.2014

■ 81.3035, 93.1121,
99.2796

■ 30.9697, 16.0498,
9.7296

■ 83.0235, 93.8001,
108.3372

■ 30.4158, 15.5410,
7.6985

Harmonies

Analogous

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



45.3115, 38.8678, 58.3130



46.9978, 38.8678, 43.5533



45.8018, 38.8678, 31.2533

Triad

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



46.9978, 38.8678, 43.5533



32.8437, 38.8678, 22.8506



32.1656, 38.8678, 68.8442

Complementary

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



46.9978, 38.8678, 43.5533



47.2161, 60.8071, 60.8811

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.



29.3066, 38.8678, 55.7331



46.9978, 38.8678, 43.5533



29.6735, 38.8678, 29.5570

Square

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



46.9978, 38.8678, 43.5533



37.3707, 38.8678, 20.9545



28.4349, 38.8678, 41.1110



36.5179, 38.8678, 74.7652

Rectangle

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



46.9978, 38.8678, 43.5533



43.5839, 38.8678, 25.6404



28.4349, 38.8678, 41.1110



31.0129, 38.8678, 65.0091

Sweetspot

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



46.9989, 38.8696, 43.5541



84.8303, 83.7487, 92.5822



45.7270, 37.5861, 71.8628



17.8718, 17.4745, 19.3530



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



46.9989, 38.8696, 43.5541



62.2054, 48.5471, 54.0633



46.8794, 41.9648, 33.2353



13.2341, 13.1228, 14.4943



18.0806, 9.2333, 4.8047



1.2106, 0.6139, 0.5178

Inverse Universe

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



46.9989, 38.8696, 43.5541



62.2054, 48.5471, 54.0633



47.1330, 55.9443, 75.3322



13.2341, 13.1228, 14.4943



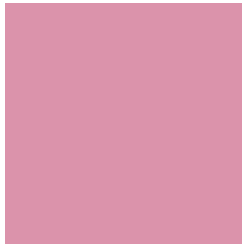
18.0806, 9.2333, 4.8047



1.2106, 0.6139, 0.5178

Previews

White Background



This preview shows how the XYZ color 46.9978, 38.8678, 43.5533 looks on a white background.

Color Contrast Check

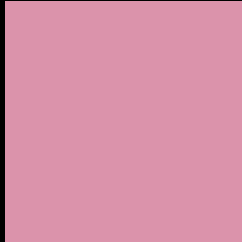
Large Text (above 18pt) WCAG AA × Fail

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 46.9978, 38.8678, 43.5533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

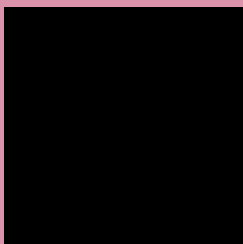
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9978, 38.8678, 43.5533

Background



This preview shows how black text looks on a background with the XYZ color 46.9978, 38.8678, 43.5533.



This preview shows how white text looks on a background with the XYZ color 46.9978, 38.8678,

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

46.9978, 38.8678, 43.5533

Protanopia

38.0918, 39.1633, 50.3514

Deuteranopia

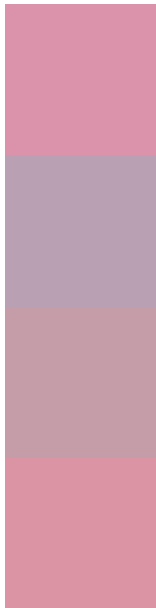
39.9322, 39.2119, 42.5098



Tritanopia

46.0061, 38.9384, 38.3488

Trichromacy



Original Color

46.9978, 38.8678, 43.5533

Protanomaly

40.7151, 38.7106, 47.9738

Deuteranomaly

42.2444, 38.8488, 42.8082

Tritanomaly

46.2042, 38.7656, 40.1692

Monochromacy



Original Color

46.9978, 38.8678, 43.5533

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.0101, 39.4723, 43.9855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9978, 38.8678, 43.5533 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(219, 147, 171)` looks like.

```
.text, #text, p{  
    color:rgb(219, 147, 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(219, 147, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 147, 171) }
```

Border

The CSS property to change the border of an element to XYZ 46.9978, 38.8678, 43.5533 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(219, 147, 171) }
```


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

```
.border{ border-color:rgb(219, 147, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 147, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 147, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 147, 171); box-shadow:4px 4px 4px 4px rgb(219, 147, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9978, 38.8678, 43.5533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 147, 171) }
```

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

```
.background{ background-color: rgb(219,  
147, 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](#).

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