

Converting Colors

XYZ(46.1324, 39.8950, 48.0074)

Have a look what the booklet for
XYZ(46.1324, 39.8950, 48.0074)
contains.

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Color

**XYZ(46.2706, 40.0675,
47.9429)**

Conversions

Conversions Part 1

Format	Color
Hex	D29AB3
RGB	210, 154, 179
RGB Percent	82%, 60%, 70%
CMY	0.1765, 0.3961, 0.2980
CMYK	0.00, 0.27, 0.15, 0.18
HSL	333°, 38%, 71%
HSV	333°, 27%, 82%
XYZ	46.2706, 40.0675, 47.9429
YIQ	173.5940, 25.3510, 19.6470

Conversions

Conversions Part 2

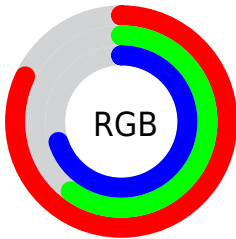
Format	Color
R _Y B	210, 154, 179
Decimal	13802163
CIE Lab	69.52, 24.72, -4.71
CIE LCh	70, 25.166, 349.212
Yxy	40.0675, 0.3446, 0.2984
Android (android.graphics.Color)	4291992243 (0xFFD29AB3)
YUV	173.5940, 2.6652, 31.9281
Hunter-Lab	63.2989, 19.7079, -0.5973

Details

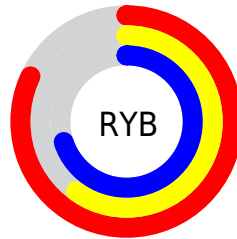
The XYZ color **46.2706, 40.0675, 47.9429** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1316, 56.4670, 54.4221**, and the grayscale version is **40.0026, 42.0858, 45.8315**.

A 20% lighter version of the original color is **79.0359, 72.8591, 88.4948**, and **22.0348, 17.9777, 22.0473** is the 20% darker color. If you saturate the color by 10%, you get **41.9765, 33.2821, 40.9530**, and if you desaturate by 10%, it is **51.2724, 48.1089, 55.6588**.

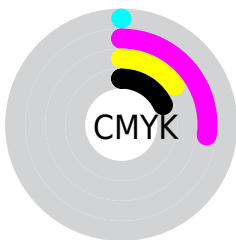
Distribution



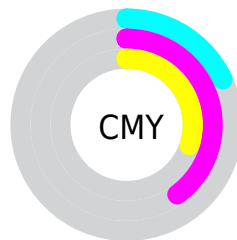
- Red (82%)
- Green (60%)
- Blue (70%)



- Red (82%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (27%)
- Yellow (15%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.2706, 40.0675, 47.9429 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 46.2706, 40.0675, 47.9429 by changing the saturation by 10% instead.


 46.2706, 40.0675,
47.9429


 46.2706, 40.0675,
47.9429


362.5932,
346.4080, 395.0679

 32.6649, 27.5912,
33.4220


 83.8492, 75.2663,
88.4840

 22.0279, 18.0177,
22.1762


 108.5529, 98.7575,
115.3414

 13.9941, 10.9627,
13.7868

137.6866,
126.6892, 147.1479

 8.1982, 6.0418,
7.8355

171.6157,
159.4458, 184.3222

 4.2749, 2.8705,
3.9036

210.7055,
197.4115, 227.2829

 1.8588, 1.0645,
1.5726

255.3215,

 0.5527, 0.0000,

240.9708, 276.4483

0.2712

305.8290,
290.5082, 332.2372

■ 0.0000, 0.0000,
0.0000

■ 46.2706, 40.0675,
47.9429

■ 46.2706, 40.0675,
47.9429

■ 41.9765, 33.2821,
40.9530

■ 51.2724, 48.1089,
55.6588

■ 38.3528, 27.6830,
34.6633

■ 57.0102, 57.4602,
64.1202

■ 35.3635, 23.2021,
29.0497

■ 63.5148, 68.1790,
73.3493

■ 32.9680, 19.7623,
24.0857

■ 70.8141, 80.3177,
83.3659

■ 31.1204, 17.2761,
19.7424

■ 77.6436, 91.3438,
93.7593

■ 29.7675, 15.6419,
15.9878

■ 79.3994, 92.0461,
103.0049

■ 28.8413, 14.7285,
12.7843

■ 80.3885, 92.4417,
108.2139

■ 28.5874, 14.5053,
11.8223

Harmonies

Analogous

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



44.2992, 40.0675, 59.9074



46.2706, 40.0675, 47.9429



45.9337, 40.0675, 36.6808

Triad

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



46.2706, 40.0675, 47.9429



35.5734, 40.0675, 25.7492



33.2113, 40.0675, 62.8202

Complementary

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



46.2706, 40.0675, 47.9429



45.1316, 56.4670, 54.4221

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.



31.1819, 40.0675, 51.3984



46.2706, 40.0675, 47.9429



32.4772, 40.0675, 30.6002

Square

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



46.2706, 40.0675, 47.9429



39.5616, 40.0675, 25.1562



30.9231, 40.0675, 39.5776



36.6416, 40.0675, 69.4558

Rectangle

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



46.2706, 40.0675, 47.9429



44.4519, 40.0675, 30.9732



30.9231, 40.0675, 39.5776



32.3534, 40.0675, 59.3280

Sweetspot

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



46.2718, 40.0693, 47.9437



87.1185, 86.9617, 97.5480



43.1494, 38.0558, 66.0445



18.3463, 18.1219, 20.4410



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.



46.2718, 40.0693, 47.9437



67.8715, 55.9452, 68.0802



44.4357, 40.0830, 35.9688



12.0249, 11.8947, 13.4069



17.4868, 8.8675, 7.4695



1.0174, 0.5117, 0.6266

Inverse Universe

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



46.2718, 40.0693, 47.9437



67.8715, 55.9452, 68.0802



47.3219, 56.2467, 69.3358



12.0249, 11.8947, 13.4069



17.4868, 8.8675, 7.4695



1.0174, 0.5117, 0.6266

Previews

White Background



This preview shows how the XYZ color 46.2706, 40.0675, 47.9429 looks on a white background.

Color Contrast Check

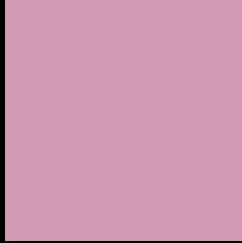
Large Text (above 18pt) WCAG AA × Fail

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 46.2706, 40.0675, 47.9429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

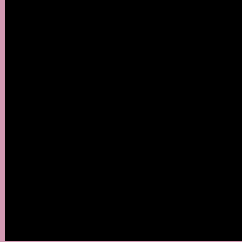
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.2706, 40.0675, 47.9429

Background



This preview shows how black text looks on a background with the XYZ color 46.2706, 40.0675, 47.9429.



This preview shows how white text looks on a background with the XYZ color 46.2706, 40.0675,

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

46.2706, 40.0675, 47.9429

Protanopia

39.4135, 40.3316, 53.2844

Deuteranopia

40.9194, 40.1519, 47.1884



Tritanopia

45.2508, 40.1594, 42.4123

Trichromacy



Original Color

46.2706, 40.0675, 47.9429

Protanomaly

41.5609, 40.1210, 51.4526

Deuteranomaly

42.7731, 40.0415, 47.5939

Tritanomaly

45.4622, 39.9766, 44.3499

Monochromacy



Original Color

46.2706, 40.0675, 47.9429

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.1487, 41.3368, 46.8316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.2706, 40.0675, 47.9429 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(210, 154, 179)` looks like.

```
.text, #text, p{  
    color:rgb(210, 154, 179)  
}
```

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(210, 154, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 154, 179) }
```

Border

The CSS property to change the border of an element to XYZ 46.2706, 40.0675, 47.9429 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(210, 154, 179) }
```


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

```
.border{ border-color:rgb(210, 154, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 154, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 154, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 154, 179);  
box-shadow:4px 4px 4px 4px rgb(210, 154,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 46.2706, 40.0675, 47.9429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 154, 179) }
```

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

```
.background{ background-color: rgb(210,  
154, 179) }
```

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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