

Converting Colors

XYZ(46.4652, 41.1818, 47.1058)

Have a look what the booklet for
XYZ(46.4652, 41.1818, 47.1058)
contains.

XYZ(46.4572, 41.1834, 47.0956)	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(46.4572, 41.1834,
47.0956)**

Conversions

Conversions Part 1

Format	Color
Hex	D19EB1
RGB	209, 158, 177
RGB Percent	82%, 62%, 69%
CMY	0.1804, 0.3804, 0.3059
CMYK	0.00, 0.24, 0.15, 0.18
HSL	338°, 36%, 72%
HSV	338°, 24%, 82%
XYZ	46.4572, 41.1834, 47.0956
YIQ	175.4150, 24.2970, 16.7210

Conversions

Conversions Part 2

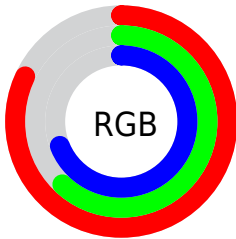
Format	Color
R_{YB}	209, 158, 177
Decimal	13737649
CIE _{Lab}	70.30, 21.86, -2.45
CIE _{LCh}	70, 21.996, 353.599
Yxy	41.1834, 0.3448, 0.3057
Android (android.graphics.Color)	4291927729 (0xFFD19EB1)
YUV	175.4150, 0.7814, 29.4540
Hunter-Lab	64.1743, 16.9151, 1.4108

Details

The XYZ color **46.4572, 41.1834, 47.0956** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.1970, 56.5888, 57.2059**, and the grayscale version is **40.9509, 43.0835, 46.9179**.

A 20% lighter version of the original color is **79.7422, 74.7317, 87.3126**, and **22.1186, 18.6333, 21.4996** is the 20% darker color. If you saturate the color by 10%, you get **41.9459, 34.1529, 39.4495**, and if you desaturate by 10%, it is **51.7028, 49.4804, 55.6073**.

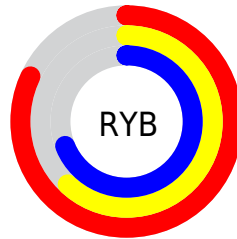
Distribution



Red (82%)

Green (62%)

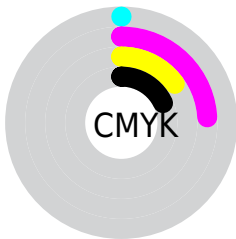
Blue (69%)



Red (82%)

Yellow (62%)

Blue (69%)

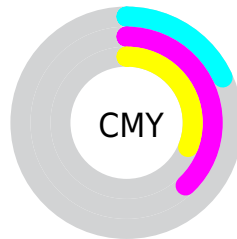


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (18%)



Cyan (18%)

Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4572, 41.1834, 47.0956 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 46.4572, 41.1834, 47.0956 by changing the saturation by 10% instead.


 46.4572, 41.1834,
47.0956


 46.4572, 41.1834,
47.0956


363.3289,
351.0865, 391.6008

 32.8129, 28.4624,
32.7563

 84.1265, 76.9622,
87.2078

 22.1417, 18.6745,
21.6703


 108.8822,
100.7889, 113.8178

 14.0782, 11.4353,
13.4188


138.0725,
129.0862, 145.3551

 8.2572, 6.3605,
7.5835

172.0626,
162.2385, 182.2384

 4.3131, 3.0655,
3.7457

211.2179,
200.6304, 224.8860

 1.8808, 1.1660,
1.4869

255.9039,

 0.5656, 0.0337,

244.6460, 273.7166

0.2081

306.4857,
294.6700, 329.1487

■ 0.0000, 0.0000,
0.0000

■ 46.4572, 41.1834,
47.0956

■ 46.4572, 41.1834,
47.0956

■ 41.9459, 34.1529,
39.4495

■ 51.7028, 49.4804,
55.6073

■ 38.1311, 28.3205,
32.6376

■ 57.7109, 59.0967,
65.0092

■ 34.9771, 23.6199,
26.6303

■ 64.5128, 70.0886,
75.3284

■ 32.4431, 19.9762,
21.3948

■ 72.1368, 82.5080,
86.5897

■ 30.4838, 17.3050,
16.8961

■ 78.1682, 91.5208,
98.0033

■ 29.0470, 15.5091,
13.0953

■ 80.1047, 92.2954,
108.2006

■ 28.0702, 14.4703,
9.9491

■ 27.6646, 14.1034,
8.4442

Harmonies

Analogous

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



45.0025, 41.1834, 57.7082



46.4572, 41.1834, 47.0956



45.8574, 41.1834, 37.3428

Triad

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



46.4572, 41.1834, 47.0956



36.4292, 41.1834, 28.9760



35.1659, 41.1834, 62.8271

Complementary

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



46.4572, 41.1834, 47.0956



46.1970, 56.5888, 57.2059

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.



33.1193, 41.1834, 53.2829



46.4572, 41.1834, 47.0956



33.8167, 41.1834, 34.0457

Square

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



46.4572, 41.1834, 47.0956



39.9229, 41.1834, 27.8409



32.6409, 41.1834, 42.6609



38.3745, 41.1834, 67.6486

Rectangle

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



46.4572, 41.1834, 47.0956



44.3904, 41.1834, 32.4789



32.6409, 41.1834, 42.6609



34.3274, 41.1834, 60.0003

Sweetspot

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



46.4584, 41.1853, 47.0965



87.8663, 88.4347, 97.8667



44.8351, 39.9357, 65.6674



18.6807, 18.7260, 20.7511



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.



46.4584, 41.1853, 47.0965



69.2327, 58.9116, 67.7821



45.7341, 42.5589, 38.1543



11.9882, 11.8800, 13.2139



17.1010, 8.7132, 5.4381



0.9941, 0.5024, 0.5039

Inverse Universe

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



46.4584, 41.1853, 47.0965



69.2327, 58.9116, 67.7821



46.9783, 54.6092, 68.3867



11.9882, 11.8800, 13.2139



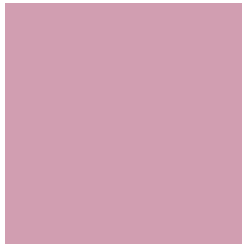
17.1010, 8.7132, 5.4381



0.9941, 0.5024, 0.5039

Previews

White Background



This preview shows how the XYZ color 46.4572, 41.1834, 47.0956 looks on a white background.

Color Contrast Check

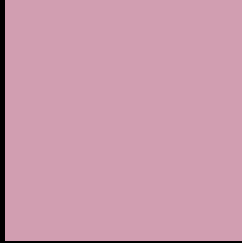
Large Text (above 18pt) WCAG AA × Fail

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 46.4572, 41.1834, 47.0956 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 46.4572, 41.1834, 47.0956

Background



This preview shows how black text looks on a background with the XYZ color 46.4572, 41.1834, 47.0956.



This preview shows how white text looks on a background with the XYZ color 46.4572, 41.1834,

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

46.4572, 41.1834, 47.0956

Protanopia

40.3331, 41.3993, 51.7640

Deuteranopia

42.0501, 41.2974, 46.3124



Tritanopia

45.7612, 41.1464, 44.0583

Trichromacy



Original Color

46.4572, 41.1834, 47.0956

Protanomaly

42.0873, 40.9641, 49.9446

Deuteranomaly

43.6176, 41.2876, 46.7447

Tritanomaly

45.9534, 41.2233, 45.0700

Monochromacy



Original Color

46.4572, 41.1834, 47.0956

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.5180, 42.0753, 46.9547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4572, 41.1834, 47.0956 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(209, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(209, 158, 177)  
}
```

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(209, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 158, 177) }
```

Border

The CSS property to change the border of an element to XYZ 46.4572, 41.1834, 47.0956 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(209, 158, 177) }
```


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

```
.border{ border-color:rgb(209, 158, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 158, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(209, 158,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4572, 41.1834, 47.0956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 158, 177) }
```

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

```
.background{ background-color: rgb(209,  
158, 177) }
```

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