

Converting Colors

XYZ(47.1434, 41.3218, 48.0478)

Have a look what the booklet for
XYZ(47.1434, 41.3218, 48.0478)
contains.

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Color

**XYZ(47.0576, 41.2175,
48.1234)**

Conversions

Conversions Part 1

Format	Color
Hex	D39DB3
RGB	211, 157, 179
RGB Percent	83%, 62%, 70%
CMY	0.1725, 0.3843, 0.2980
CMYK	0.00, 0.26, 0.15, 0.17
HSL	336°, 38%, 72%
HSV	336°, 26%, 83%
XYZ	47.0576, 41.2175, 48.1234
YIQ	175.6540, 25.1220, 18.2900

Conversions

Conversions Part 2

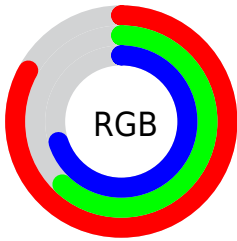
Format	Color
R _{YB}	211, 157, 179
Decimal	13868467
CIE Lab	70.33, 23.45, -3.50
CIE LCh	70, 23.706, 351.501
Yxy	41.2175, 0.3450, 0.3022
Android (android.graphics.Color)	4292058547 (0xFFD39DB3)
YUV	175.6540, 1.6496, 30.9984
Hunter-Lab	64.2009, 18.4845, 0.4983

Details

The XYZ color **47.0576, 41.2175, 48.1234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.3859, 57.4318, 56.7874**, and the grayscale version is **41.0703, 43.2091, 47.0547**.

A 20% lighter version of the original color is **79.7789, 74.3451, 88.7425**, and **22.5278, 18.6774, 22.1564** is the 20% darker color. If you saturate the color by 10%, you get **42.5835, 34.2020, 40.6729**, and if you desaturate by 10%, it is **52.2652, 49.5155, 56.3853**.

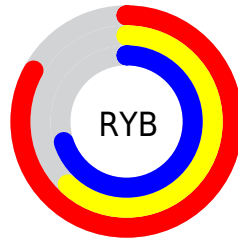
Distribution



Red (83%)

Green (62%)

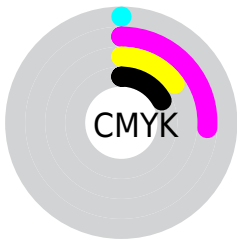
Blue (70%)



Red (83%)

Yellow (62%)

Blue (70%)

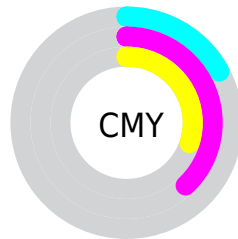


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (17%)



Cyan (17%)

Magenta (38%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0576, 41.2175, 48.1234 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 47.0576, 41.2175, 48.1234 by changing the saturation by 10% instead.


 47.0576, 41.2175,
48.1234


 47.0576, 41.2175,
48.1234


365.6895,
351.2288, 395.8039

 33.2893, 28.4891,
33.5639


 85.0178, 77.0140,
88.7556

 22.5085, 18.6947,
22.2842


 109.9405,
100.8508, 115.6653

 14.3497, 11.4499,
13.8655


139.3120,
129.1592, 147.5290

 8.4476, 6.3703,
7.8895

173.4977,
162.3236, 184.7650

 4.4369, 3.0715,
3.9376

212.8629,
200.7283, 227.7920

 1.9521, 1.1692,
1.5912

257.7730,

 0.6069, 0.0363,

244.7579, 277.0284

0.2845

308.5934,
294.7966, 332.8929

■ 0.0000, 0.0000,
0.0000

■ 47.0576, 41.2175,
48.1234

■ 47.0576, 41.2175,
48.1234

■ 42.5835, 34.2020,
40.6729

■ 52.2652, 49.5155,
56.3853

■ 38.8047, 28.3988,
34.0046

■ 58.2352, 59.1505,
65.4811

■ 35.6847, 23.7396,
28.0912

■ 64.9989, 70.1803,
75.4357

■ 33.1821, 20.1468,
22.9026

■ 72.5852, 82.6581,
86.2720

■ 31.2504, 17.5331,
18.4063

■ 78.5798, 91.7512,
97.1983

■ 29.8361, 15.7971,
14.5662

■ 80.5181, 92.5266,
107.4057

■ 28.8738, 14.8144,
11.3415

■ 80.6741, 92.5890,
108.2272

■ 28.5420, 14.5201,
10.0928

Harmonies

Analogous

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



45.3328, 41.2175, 59.5948



47.0576, 41.2175, 48.1234



46.5635, 41.2175, 37.4695

Triad

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



47.0576, 41.2175, 48.1234



36.4954, 41.2175, 27.7380



34.6974, 41.2175, 63.8395

Complementary

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



47.0576, 41.2175, 48.1234



46.3859, 57.4318, 56.7874

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.



32.6143, 41.2175, 53.2058



47.0576, 41.2175, 48.1234



33.6035, 41.2175, 32.8099

Square

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



47.0576, 41.2175, 48.1234



40.2931, 41.2175, 26.8361



32.2276, 41.2175, 41.7835



38.0797, 41.2175, 69.6029

Rectangle

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



47.0576, 41.2175, 48.1234



45.0555, 41.2175, 32.1166



32.2276, 41.2175, 41.7835



33.8316, 41.2175, 60.6402

Sweetspot

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



47.0588, 41.2194, 48.1243



86.9980, 86.9135, 96.9137



44.6788, 39.5742, 66.9122



18.3161, 18.1097, 20.2816



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.



47.0588, 41.2194, 48.1243



68.1594, 56.8526, 67.1540



45.7837, 41.9500, 37.5847



12.0055, 11.8869, 13.3048



17.2730, 8.7820, 6.3435



1.0047, 0.5066, 0.5597

Inverse Universe

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



47.0588, 41.2194, 48.1243



68.1594, 56.8526, 67.1540



47.8557, 56.2560, 69.9647



12.0055, 11.8869, 13.3048



17.2730, 8.7820, 6.3435



1.0047, 0.5066, 0.5597

Previews

White Background



This preview shows how the XYZ color 47.0576, 41.2175, 48.1234 looks on a white background.

Color Contrast Check

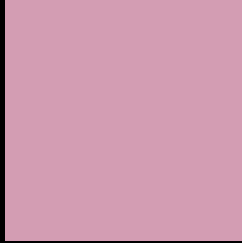
Large Text (above 18pt) WCAG AA × Fail

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 47.0576, 41.2175, 48.1234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

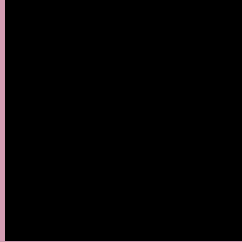
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0576, 41.2175, 48.1234

Background



This preview shows how black text looks on a background with the XYZ color 47.0576, 41.2175, 48.1234.



This preview shows how white text looks on a background with the XYZ color 47.0576, 41.2175,

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

47.0576, 41.2175, 48.1234

Protanopia

40.4346, 41.4146, 53.4396

Deuteranopia

42.2480, 41.3766, 47.3547



Tritanopia

46.1559, 41.0956, 44.0276

Trichromacy



Original Color

47.0576, 41.2175, 48.1234

Protanomaly

42.6429, 41.2143, 51.6066

Deuteranomaly

43.8980, 41.1445, 47.7475

Tritanomaly

46.4452, 41.2114, 45.5511

Monochromacy



Original Color

47.0576, 41.2175, 48.1234

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.1100, 42.3691, 47.5009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0576, 41.2175, 48.1234 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(211, 157, 179)` looks like.

```
.text, #text, p{  
    color:rgb(211, 157, 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(211, 157, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 157, 179) }
```

Border

The CSS property to change the border of an element to XYZ 47.0576, 41.2175, 48.1234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

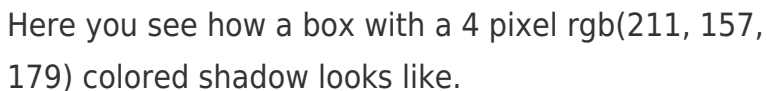
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 157, 179) }
```


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

```
.border{ border-color:rgb(211, 157, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(211, 157, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 157, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 157, 179);  
box-shadow:4px 4px 4px 4px rgb(211, 157,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0576, 41.2175, 48.1234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 157, 179) }
```

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

```
.background{ background-color: rgb(211,  
157, 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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