

Converting Colors

XYZ(47.0308, 36.4246, 48.9841)

Have a look what the booklet for
XYZ(47.0308, 36.4246, 48.9841)
contains.

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Color

**XYZ(47.0665, 36.3579,
48.7931)**

Conversions

Conversions Part 1

Format	Color
Hex	DD88B6
RGB	221, 136, 182
RGB Percent	87%, 53%, 71%
CMY	0.1333, 0.4666, 0.2863
CMYK	0.00, 0.38, 0.18, 0.13
HSL	328°, 56%, 70%
HSV	328°, 38%, 87%
XYZ	47.0665, 36.3579, 48.7931
YIQ	166.6590, 35.8940, 32.3260

Conversions

Conversions Part 2

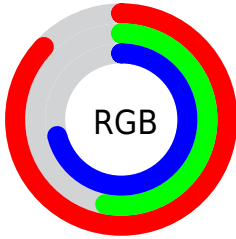
Format	Color
RYB	221, 136, 182
Decimal	14518454
CIELab	66.79, 38.71, -10.30
CIElCh	67, 40.058, 345.096
Yxy	36.3579, 0.3560, 0.2750
Android (android.graphics.Color)	4292708534 (0xFFDD88B6)
YUV	166.6590, 7.5631, 47.6571
Hunter-Lab	60.2975, 33.8113, -5.7696

Details

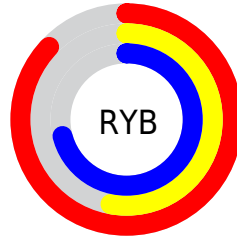
The XYZ color **47.0665, 36.3579, 48.7931** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **43.7493, 60.0434, 49.8440**, and the grayscale version is **36.5180, 38.4198, 41.8391**.

A 20% lighter version of the original color is **75.3034, 64.6947, 89.4073**, and **22.4426, 15.8181, 22.6392** is the 20% darker color. If you saturate the color by 10%, you get **43.2587, 30.3588, 42.5393**, and if you desaturate by 10%, it is **51.5940, 43.6741, 55.6620**.

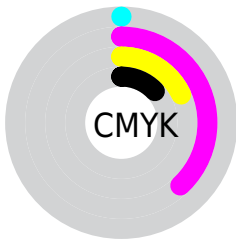
Distribution



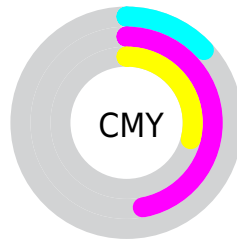
- Red (87%)
- Green (53%)
- Blue (71%)



- Red (87%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.0665, 36.3579, 48.7931 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 47.0665, 36.3579, 48.7931 by changing the saturation by 10% instead.


 47.0665, 36.3579,
48.7931


 47.0665, 36.3579,
48.7931

365.7244,
330.5222, 398.5263

 33.2964, 24.7107,
34.0909


 85.0310, 69.5841,
89.7619

 22.5139, 15.8617,
22.6855


 109.9561, 91.9320,
116.8656

 14.3537, 9.4263,
14.1584


 139.3303,
118.6155, 148.9402

 8.4504, 5.0203,
8.0909

173.5189,
150.0191, 186.4043

 4.4387, 2.2592,
4.0646

212.8872,
186.5272, 229.6765

 1.9532, 0.7520,
1.6608

257.8007,

 0.6075, 0.0000,

228.5241, 279.1751

0.3337

308.6246,
276.3943, 335.3189

■ 0.0000, 0.0000,
0.0000

■ 47.0665, 36.3579,
48.7931

■ 47.0665, 36.3579,
48.7931

■ 43.2587, 30.3588,
42.5393

■ 51.5940, 43.6741,
55.6620

■ 40.1260, 25.5916,
36.8767

■ 56.8760, 52.3756,
63.1642

■ 37.6239, 21.9691,
31.7828


■ 62.9485, 62.5318,
71.3194


■ 35.7003, 19.3902,
27.2318


■ 69.8444, 74.2062,
80.1457


■ 34.2945, 17.7361,
23.1947


■ 77.5946, 87.4583,
89.6606

 33.3168, 16.8305,
19.6324

 81.7332, 93.3539,
98.3822

 33.1847, 16.7185,
19.1187

 83.3063, 93.9832,
106.6658

 83.6290, 94.1123,
108.3655

Harmonies

Analogous

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



43.4721, 36.3579, 68.0825



47.0665, 36.3579, 48.7931



47.0541, 36.3579, 31.5269

Triad

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



47.0665, 36.3579, 48.7931



31.6142, 36.3579, 15.3409



26.9760, 36.3579, 68.1957

Complementary

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



47.0665, 36.3579, 48.7931



43.7493, 60.0434, 49.8440

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.



24.4953, 36.3579, 48.9169



47.0665, 36.3579, 48.7931



26.9527, 36.3579, 20.4138

Square

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



47.0665, 36.3579, 48.7931



37.6374, 36.3579, 15.3256



24.4873, 36.3579, 31.6194



31.6496, 36.3579, 81.3170

Rectangle

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



47.0665, 36.3579, 48.7931



44.9796, 36.3579, 23.3514



24.4873, 36.3579, 31.6194



25.8835, 36.3579, 62.0068

Sweetspot

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



47.0676, 36.3596, 48.7938



83.8744, 81.1350, 94.4271



39.3683, 31.8582, 72.4815



17.7137, 16.9664, 19.8916



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.



47.0676, 36.3596, 48.7938



60.8490, 43.5764, 60.5716



43.3765, 34.8832, 29.3567



13.3492, 13.1688, 15.1003



19.3352, 9.7351, 11.4111



1.2959, 0.6480, 0.9674

Inverse Universe

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



47.0676, 36.3596, 48.7938



60.8490, 43.5764, 60.5716



48.5029, 61.9448, 74.8762



13.3492, 13.1688, 15.1003



19.3352, 9.7351, 11.4111



1.2959, 0.6480, 0.9674

Previews

White Background



This preview shows how the XYZ color 47.0665, 36.3579, 48.7931 looks on a white background.

Color Contrast Check

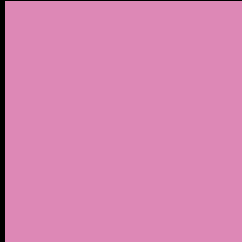
Large Text (above 18pt) WCAG AA × Fail

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 47.0665, 36.3579, 48.7931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

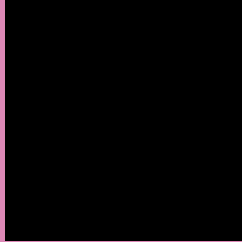
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0665, 36.3579, 48.7931

Background



This preview shows how black text looks on a background with the XYZ color 47.0665, 36.3579, 48.7931.



This preview shows how white text looks on a background with the XYZ color 47.0665, 36.3579,

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

47.0665, 36.3579, 48.7931

Protanopia

36.5712, 36.5818, 59.1663

Deuteranopia

37.2760, 36.4387, 47.1882



Tritanopia

44.2539, 36.5184, 34.4221

Trichromacy



Original Color

47.0665, 36.3579, 48.7931



Protanomaly

39.4443, 35.8904, 55.3007



Deuteranomaly

40.2782, 36.0145, 47.4764



Tritanomaly

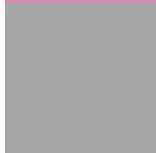
45.2024, 36.4606, 39.3055

Monochromacy



Original Color

47.0665, 36.3579, 48.7931



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

39.8284, 37.3203, 44.1341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0665, 36.3579, 48.7931 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(221, 136, 182)` looks like.

```
.text, #text, p{  
    color:rgb(221, 136, 182)  
}
```

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(221, 136, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 136, 182) }
```

Border

The CSS property to change the border of an element to XYZ 47.0665, 36.3579, 48.7931 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(221, 136, 182) }
```


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

```
.border{ border-color:rgb(221, 136, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 136, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 136, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 136, 182);  
box-shadow:4px 4px 4px 4px rgb(221, 136,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0665, 36.3579, 48.7931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 136, 182) }
```

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

```
.background{ background-color: rgb(221,  
136, 182) }
```

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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