

Converting Colors

XYZ(47.9616, 38.7095, 51.6265)

Have a look what the booklet for
XYZ(47.9616, 38.7095, 51.6265)
contains.

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Color

**XYZ(47.9018, 38.7014,
51.3998)**

Conversions

Conversions Part 1

Format	Color
Hex	DA91BA
RGB	218, 145, 186
RGB Percent	85%, 57%, 73%
CMY	0.1451, 0.4314, 0.2706
CMYK	0.00, 0.33, 0.15, 0.15
HSL	326°, 50%, 71%
HSV	326°, 33%, 85%
XYZ	47.9018, 38.7014, 51.3998
YIQ	171.5010, 30.3470, 28.2270

Conversions

Conversions Part 2

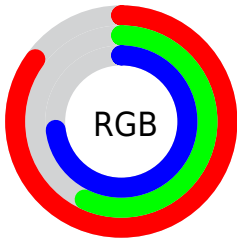
Format	Color
R _Y B	218, 145, 186
Decimal	14324154
CIE Lab	68.53, 33.53, -9.98
CIE LCh	69, 34.981, 343.427
Yxy	38.7014, 0.3471, 0.2804
Android (android.graphics.Color)	4292514234 (0xFFDA91BA)
YUV	171.5010, 7.1480, 40.7796
Hunter-Lab	62.2104, 28.5760, -5.4395

Details

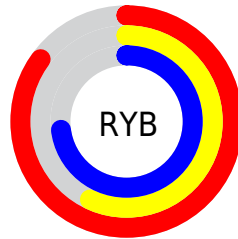
The XYZ color **47.9018, 38.7014, 51.3998** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.6860, 59.3380, 50.6959**, and the grayscale version is **38.9161, 40.9428, 44.5867**.

A 20% lighter version of the original color is **77.9213, 68.9794, 93.2119**, and **23.0483, 17.2035, 24.2961** is the 20% darker color. If you saturate the color by 10%, you get **43.9027, 32.2746, 45.2208**, and if you desaturate by 10%, it is **52.6103, 46.4371, 58.1514**.

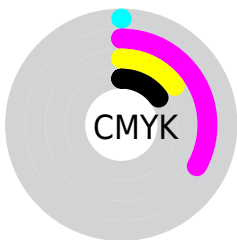
Distribution



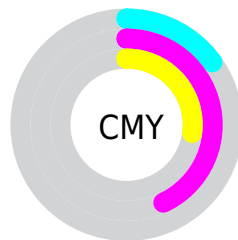
- Red (85%)
- Green (57%)
- Blue (73%)



- Red (85%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (15%)




- Cyan (15%)
- Magenta (43%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9018, 38.7014, 51.3998 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 47.9018, 38.7014, 51.3998 by changing the saturation by 10% instead.


 47.9018, 38.7014,
51.3998

 47.9018, 38.7014,
51.3998


368.9918,
340.6193, 409.0059

 33.9601, 26.5275,
36.1479


 86.2688, 73.1819,
93.6630

 23.0257, 17.2187,
24.2579


 111.4247, 96.2574,
121.5115

 14.7333, 10.3905,
15.3111


141.0494,
123.7355, 154.3959

 8.7175, 5.6587,
8.8889

175.5082,
156.0006, 192.7347

 4.6130, 2.6387,
4.5730

215.1665,
193.4371, 236.9466

 2.0544, 0.9461,
1.9447

260.3896,

 0.6643, 0.0000,

236.4295, 287.4501

0.5209

311.5430,
285.3621, 344.6637

■ 0.0000, 0.0000,
0.0000

■ 47.9018, 38.7014,
51.3998

■ 47.9018, 38.7014,
51.3998

■ 43.9027, 32.2746,
45.2208

■ 52.6103, 46.4371,
58.1514

■ 40.5715, 27.0776,
39.5928

■ 58.0598, 55.5445,
65.4912

■ 37.8676, 23.0308,
34.4960


■ 64.2841, 66.0887,
73.4370


■ 35.7444, 20.0430,
29.9080


■ 71.3137, 78.1288,
82.0050


■ 34.1479, 18.0089,
25.8035


■ 79.1777, 91.7210,
91.2107

 33.0134, 16.8011,
22.1536

 80.9030, 92.9173,
98.7355

 32.4535, 16.3215,
19.9933

 82.3871, 93.5109,
106.5507

 82.7237, 93.6456,
108.3231

Harmonies

Analogous

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



44.5586, 38.7014, 68.2390



47.9018, 38.7014, 51.3998



48.0815, 38.7014, 35.4791

Triad

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



47.9018, 38.7014, 51.3998



34.3789, 38.7014, 18.9805



29.6143, 38.7014, 66.6275

Complementary

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



47.9018, 38.7014, 51.3998



44.6860, 59.3380, 50.6959

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.



27.4120, 38.7014, 49.5847



47.9018, 38.7014, 51.3998



29.9717, 38.7014, 23.7215

Square

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



47.9018, 38.7014, 51.3998



39.8899, 38.7014, 19.2350



27.5359, 38.7014, 34.0637



33.8446, 38.7014, 78.4231

Rectangle

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



47.9018, 38.7014, 51.3998



46.3539, 38.7014, 27.5374



27.5359, 38.7014, 34.0637



28.6321, 38.7014, 61.1609

Sweetspot

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



47.9029, 38.7032, 51.4006



85.6999, 84.0965, 97.1611



40.8300, 34.6189, 70.8604



18.0818, 17.5584, 20.4587



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.



47.9029, 38.7032, 51.4006



64.2996, 48.7098, 67.1721



44.5346, 37.3558, 33.6632



13.3607, 13.1734, 15.1609



19.4978, 9.8002, 12.2675



1.3062, 0.6521, 1.0214

Inverse Universe

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



47.9029, 38.7032, 51.4006



64.2996, 48.7098, 67.1721



48.7769, 60.9744, 72.2388



13.3607, 13.1734, 15.1609



19.4978, 9.8002, 12.2675



1.3062, 0.6521, 1.0214

Previews

White Background



This preview shows how the XYZ color 47.9018, 38.7014, 51.3998 looks on a white background.

Color Contrast Check

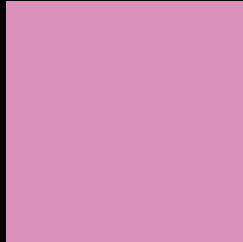
Large Text (above 18pt) WCAG AA × Fail

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 47.9018, 38.7014, 51.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

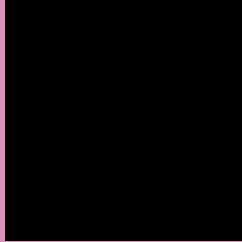
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9018, 38.7014, 51.3998

Background



This preview shows how black text looks on a background with the XYZ color 47.9018, 38.7014, 51.3998.



This preview shows how white text looks on a background with the XYZ color 47.9018, 38.7014,

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

47.9018, 38.7014, 51.3998

Protanopia

38.7595, 39.0196, 60.1323

Deuteranopia

39.7759, 38.9604, 50.2234



Tritanopia

45.3637, 38.8330, 38.8228

Trichromacy



Original Color

47.9018, 38.7014, 51.3998

Protanomaly

41.3686, 38.3389, 56.8496

Deuteranomaly

42.2784, 38.4441, 50.5395

Tritanomaly

46.1645, 38.6810, 43.0633

Monochromacy



Original Color

47.9018, 38.7014, 51.3998

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.8424, 39.8338, 47.0783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9018, 38.7014, 51.3998 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(218, 145, 186)` looks like.

```
.text, #text, p{  
    color:rgb(218, 145, 186)  
}
```

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(218, 145, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 145, 186) }
```

Border

The CSS property to change the border of an element to XYZ 47.9018, 38.7014, 51.3998 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(218, 145, 186) }
```


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

```
.border{ border-color:rgb(218, 145, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 145, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 145, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 145, 186);  
box-shadow:4px 4px 4px 4px rgb(218, 145,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9018, 38.7014, 51.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 145, 186) }
```

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

```
.background{ background-color: rgb(218,  
145, 186) }
```

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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