

Converting Colors

XYZ(53.8232, 47.0113, 62.9461)

Have a look what the booklet for
XYZ(53.8232, 47.0113, 62.9461)
contains.

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Color

**XYZ(53.8116, 47.0093,
62.7374)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA7CB
RGB	219, 167, 203
RGB Percent	86%, 65%, 80%
CMY	0.1412, 0.3451, 0.2039
CMYK	0.00, 0.24, 0.07, 0.14
HSL	318°, 42%, 76%
HSV	318°, 24%, 86%
XYZ	53.8116, 47.0093, 62.7374
YIQ	186.6520, 19.4360, 22.2200

Conversions

Conversions Part 2

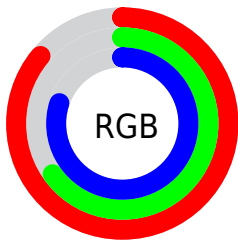
Format	Color
R _Y B	219, 167, 203
Decimal	14395339
CIE Lab	74.20, 24.86, -10.92
CIE LCh	74, 27.150, 336.294
Yxy	47.0093, 0.3290, 0.2874
Android (android.graphics.Color)	4292585419 (0xFFDBA7CB)
YUV	186.6520, 8.0596, 28.3692
Hunter-Lab	68.5633, 20.1090, -6.2577

Details

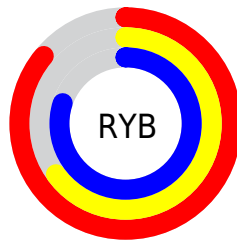
The XYZ color **53.8116, 47.0093, 62.7374** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.8170, 62.2987, 54.2018**, and the grayscale version is **46.9877, 49.4347, 53.8344**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **26.6598, 22.2179, 31.3171** is the 20% darker color. If you saturate the color by 10%, you get **49.3488, 39.3406, 57.3736**, and if you desaturate by 10%, it is **58.9914, 56.0549, 68.5136**.

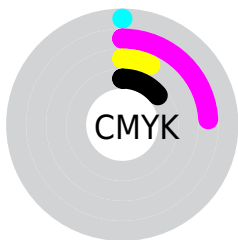
Distribution



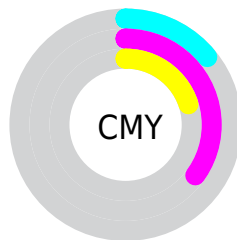
- Red (86%)
- Green (65%)
- Blue (80%)



- Red (86%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (14%)





- Cyan (14%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8116, 47.0093, 62.7374 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 53.8116, 47.0093, 62.7374 by changing the saturation by 10% instead.


 53.8116, 47.0093,
62.7374


 53.8116, 47.0093,
62.7374


391.6013,
374.8517, 452.6975

 38.6811, 33.0430,
45.1892

 94.9561, 85.7275,
110.3725

 26.6914, 22.1594,
31.2624


 121.7008,
111.2482, 141.2964

 17.4770, 13.9741,
20.5386


153.0477,
141.3892, 177.5160

 10.6725, 8.1026,
12.5992

189.3620,
176.5348, 219.4498

 5.9128, 4.1607,
7.0257

231.0092,
217.0694, 267.5163

 2.8323, 1.7639,
3.3995

278.3545,

 1.0657, 0.4645,

263.3775, 322.1340

1.3021

331.7634,
315.8435, 383.7216

■ 0.0000, 0.0000,
0.0635

■ 0.0000, 0.0000,
0.0000

■ 53.8116, 47.0093,
62.7374

■ 53.8116, 47.0093,
62.7374

■ 49.3488, 39.3406,
57.3736

■ 58.9914, 56.0549,
68.5136

■ 45.5643, 32.9739,
52.4054

■ 64.9164, 66.5348,
74.7120

■ 42.4218, 27.8368,
47.8191

■ 71.6180, 78.5109,
81.3458

■ 39.8799, 23.8471,
43.5986

■ 79.1249, 92.0396,
88.4264

37.8921, 20.9127,
39.7263

80.2154, 92.6769,
93.5488

36.4048, 18.9270,
36.1817

81.2172, 93.0776,
98.8242

35.3530, 17.7609,
32.9410

82.2564, 93.4933,
104.2964

34.8494, 17.3145,
31.0441

83.0237, 93.8002,
108.3372

Harmonies

Analogous

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



50.4541, 47.0093, 75.9755



53.8116, 47.0093, 62.7374



54.6461, 47.0093, 48.3018

Triad

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



53.8116, 47.0093, 62.7374



43.6625, 47.0093, 28.8948



37.5530, 47.0093, 68.7505

Complementary

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



53.8116, 47.0093, 62.7374



49.8170, 62.2987, 54.2018

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.



36.0075, 47.0093, 54.1810



53.8116, 47.0093, 62.7374



39.3659, 47.0093, 32.4756

Square

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



53.8116, 47.0093, 62.7374



48.5510, 47.0093, 30.3534



36.6463, 47.0093, 41.1459



41.0222, 47.0093, 79.8647

Rectangle

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



53.8116, 47.0093, 62.7374



53.6095, 47.0093, 40.2042



36.6463, 47.0093, 41.1459



36.8032, 47.0093, 64.0030

Sweetspot

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



53.8130, 47.0114, 62.7384



88.7458, 88.7865, 102.4980



46.0403, 42.7726, 72.8479



18.8843, 18.8075, 21.8237



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.



53.8130, 47.0114, 62.7384



73.0096, 61.2599, 85.0888



51.0096, 45.8900, 47.9757



13.4349, 13.2031, 15.5514



20.7149, 10.2870, 18.6764



1.3799, 0.6816, 1.4094

Inverse Universe

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



53.8130, 47.0114, 62.7384



73.0096, 61.2599, 85.0888



52.7286, 63.4634, 69.5340



13.4349, 13.2031, 15.5514



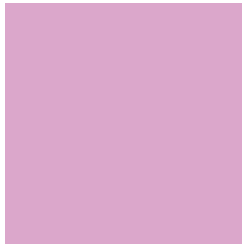
20.7149, 10.2870, 18.6764



1.3799, 0.6816, 1.4094

Previews

White Background



This preview shows how the XYZ color 53.8116, 47.0093, 62.7374 looks on a white background.

Color Contrast Check

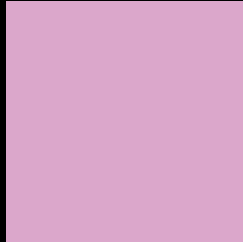
Large Text (above 18pt) WCAG AA × Fail

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 53.8116, 47.0093, 62.7374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

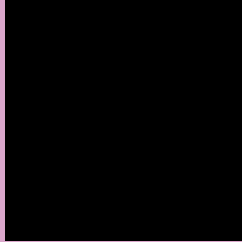
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8116, 47.0093, 62.7374

Background



This preview shows how black text looks on a background with the XYZ color 53.8116, 47.0093, 62.7374.



This preview shows how white text looks on a background with the XYZ color 53.8116, 47.0093,

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

53.8116, 47.0093, 62.7374

Protanopia

46.5390, 47.1483, 68.9350

Deuteranopia

48.2012, 47.2643, 61.8408



Tritanopia

51.3454, 46.8091, 51.6763

Trichromacy



Original Color

53.8116, 47.0093, 62.7374

Protanomaly

48.7722, 46.8606, 66.7960

Deuteranomaly

50.1538, 47.0929, 62.3236

Tritanomaly

52.2072, 46.8892, 55.5891

Monochromacy



Original Color

53.8116, 47.0093, 62.7374

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.5001, 48.6349, 57.2306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8116, 47.0093, 62.7374 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(219, 167, 203)` looks like.

```
.text, #text, p{  
    color:rgb(219, 167, 203)  
}
```

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(219, 167, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 167, 203) }
```

Border

The CSS property to change the border of an element to XYZ 53.8116, 47.0093, 62.7374 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(219, 167, 203) }
```


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

```
.border{ border-color:rgb(219, 167, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 167, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 167, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 167, 203);  
box-shadow:4px 4px 4px 4px rgb(219, 167,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8116, 47.0093, 62.7374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 167, 203) }
```

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

```
.background{ background-color: rgb(219,  
167, 203) }
```

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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