

Converting Colors

XYZ(53.1601, 47.1779, 63.4983)

Have a look what the booklet for
XYZ(53.1601, 47.1779, 63.4983)
contains.

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Color

**XYZ(53.1114, 47.1826,
63.4346)**

Conversions

Conversions Part 1

Format	Color
Hex	D7A9CC
RGB	215, 169, 204
RGB Percent	84%, 66%, 80%
CMY	0.1569, 0.3372, 0.2000
CMYK	0.00, 0.21, 0.05, 0.16
HSL	314°, 37%, 75%
HSV	314°, 21%, 84%
XYZ	53.1114, 47.1826, 63.4346
YIQ	186.7440, 16.1810, 20.6370

Conversions

Conversions Part 2

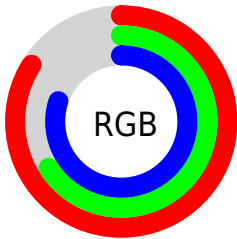
Format	Color
R _Y B	215, 169, 204
Decimal	14133708
CIE Lab	74.31, 22.58, -11.34
CIE LCh	74, 25.267, 333.336
Yxy	47.1826, 0.3244, 0.2882
Android (android.graphics.Color)	4292323788 (0xFFD7A9CC)
YUV	186.7440, 8.5072, 24.7805
Hunter-Lab	68.6896, 17.8110, -6.6714

Details

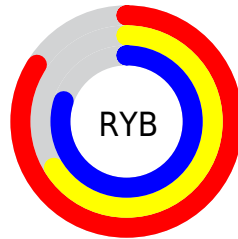
The XYZ color **53.1114, 47.1826, 63.4346** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.9027, 60.3326, 52.2507**, and the grayscale version is **47.0382, 49.4879, 53.8923**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **26.3635, 22.3982, 31.7879** is the 20% darker color. If you saturate the color by 10%, you get **48.8296, 39.5890, 59.0150**, and if you desaturate by 10%, it is **58.0741, 56.1038, 68.1827**.

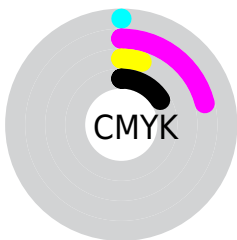
Distribution



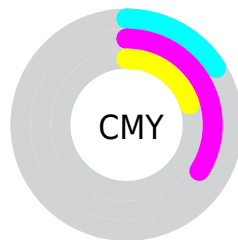
- Red (84%)
- Green (66%)
- Blue (80%)



- Red (84%)
- Yellow (66%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (5%)
- Black (16%)





- Cyan (16%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1114, 47.1826, 63.4346 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 53.1114, 47.1826, 63.4346 by changing the saturation by 10% instead.


 53.1114, 47.1826,
63.4346


 53.1114, 47.1826,
63.4346

388.9662,
375.5429, 455.2963

 38.1195, 33.1800,
45.7496


 93.9328, 85.9861,
111.3879

 26.2531, 22.2644,
31.7011


 120.4931,
111.5559, 142.4933

 17.1468, 14.0513,
20.8703


151.6403,
141.7501, 178.9092

 10.4351, 8.1564,
12.8389

187.7396,
176.9533, 221.0543

 5.7529, 4.1952,
7.1883

229.1565,
217.5498, 269.3470

 2.7346, 1.7833,
3.4999

276.2564,

 1.0150, 0.4767,

263.9239, 324.2059

1.3552

329.4045,
316.4602, 386.0495

■ 0.0000, 0.0000,
0.1064

■ 0.0000, 0.0000,
0.0000

■ 53.1114, 47.1826,
63.4346

■ 53.1114, 47.1826,
63.4346

■ 48.8296, 39.5890,
59.0150

■ 58.0741, 56.1038,
68.1827

■ 45.1920, 33.2525,
54.9091

■ 63.7435, 66.4064,
73.2673

■ 42.1652, 28.1055,
51.1054

■ 70.1493, 78.1485,
78.6996

■ 39.7108, 24.0714,
47.5900

■ 77.3165, 91.3800,
84.4890

37.7857, 21.0649,
44.3476

78.0270, 91.6642,
88.2304

36.3410, 18.9881,
41.3609

78.7588, 91.9569,
92.0838

35.3179, 17.7239,
38.6093

79.5120, 92.2582,
96.0504

34.6879, 17.1126,
36.3995

80.2869, 92.5682,
100.1310

81.0837, 92.8869,
104.3265

Harmonies

Analogous

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



49.8181, 47.1826, 75.2302



53.1114, 47.1826, 63.4346



54.1410, 47.1826, 49.9320

Triad

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



53.1114, 47.1826, 63.4346



44.3393, 47.1826, 30.2321



37.9381, 47.1826, 66.3807

Complementary

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



53.1114, 47.1826, 63.4346



48.9027, 60.3326, 52.2507

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.



36.6802, 47.1826, 52.8431



53.1114, 47.1826, 63.4346



40.2156, 47.1826, 33.1834

Square

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



53.1114, 47.1826, 63.4346



48.8799, 47.1826, 32.1076



37.4853, 47.1826, 40.9477



41.0397, 47.1826, 77.1228

Rectangle

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



53.1114, 47.1826, 63.4346



53.3517, 47.1826, 42.0897



37.4853, 47.1826, 40.9477



37.2955, 47.1826, 61.9317

Sweetspot

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



53.1128, 47.1847, 63.4356



89.7782, 90.3902, 104.2641



45.2161, 42.9559, 70.1991



19.0985, 19.1333, 22.2112



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.



53.1128, 47.1847, 63.4356



74.9744, 63.7668, 90.1296



50.5819, 46.1723, 50.1079



12.8201, 12.5795, 14.9930



20.7905, 10.2525, 21.9988



1.2853, 0.6309, 1.4916

Inverse Universe

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



53.1128, 47.1847, 63.4356



74.9744, 63.7668, 90.1296



51.4120, 61.3363, 65.4643



12.8201, 12.5795, 14.9930



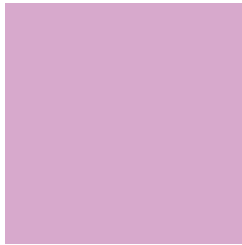
20.7905, 10.2525, 21.9988



1.2853, 0.6309, 1.4916

Previews

White Background



This preview shows how the XYZ color 53.1114, 47.1826, 63.4346 looks on a white background.

Color Contrast Check

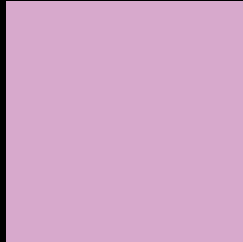
Large Text (above 18pt) WCAG AA × Fail

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 53.1114, 47.1826, 63.4346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

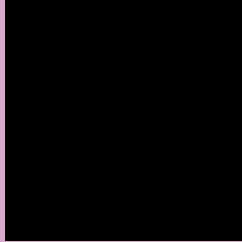
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1114, 47.1826, 63.4346

Background



This preview shows how black text looks on a background with the XYZ color 53.1114, 47.1826, 63.4346.



This preview shows how white text looks on a background with the XYZ color 53.1114, 47.1826,

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

53.1114, 47.1826, 63.4346

Protanopia

46.7431, 47.5565, 69.0030

Deuteranopia

48.3193, 47.3115, 62.4625



Tritanopia

51.0560, 47.1964, 52.8732

Trichromacy



Original Color

53.1114, 47.1826, 63.4346

Protanomaly

48.7166, 47.1241, 66.8498

Deuteranomaly

49.9289, 47.2511, 62.9888

Tritanomaly

51.9201, 47.2722, 56.8400

Monochromacy



Original Color

53.1114, 47.1826, 63.4346

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.9729, 48.3631, 57.2059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1114, 47.1826, 63.4346 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(215, 169, 204)` looks like.

```
.text, #text, p{  
    color:rgb(215, 169, 204)  
}
```

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(215, 169, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 169, 204) }
```

Border

The CSS property to change the border of an element to XYZ 53.1114, 47.1826, 63.4346 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(215, 169, 204) }
```


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

```
.border{ border-color:rgb(215, 169, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 169, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 169, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 169, 204);  
box-shadow:4px 4px 4px 4px rgb(215, 169,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1114, 47.1826, 63.4346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 169, 204) }
```

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

```
.background{ background-color: rgb(215,  
169, 204) }
```

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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