

Converting Colors

XYZ(53.1419, 47.0587,
100.8901)

Have a look what the booklet for
XYZ(53.1419, 47.0587, 100.8901)
contains.

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Color

**XYZ(53.1064, 46.9106,
100.8634)**

Conversions

Conversions Part 1

Format	Color
Hex	BBABFF
RGB	187, 171, 255
RGB Percent	73%, 67%, 100%
CMY	0.2667, 0.3294, 0.0000
CMYK	0.27, 0.33, 0.00, 0.00
HSL	251°, 100%, 84%
HSV	251°, 33%, 100%
XYZ	53.1064, 46.9106, 100.8634
YIQ	185.3600, -17.4280, 29.5160

Conversions

Conversions Part 2

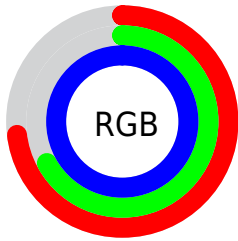
Format	Color
R _Y B	187, 171, 255
Decimal	12299263
CIE Lab	74.13, 23.32, -39.56
CIE LCh	74, 45.923, 300.513
Yxy	46.9106, 0.2644, 0.2335
Android (android.graphics.Color)	4290489343 (0xFFBBABFF)
YUV	185.3600, 34.3325, 1.4383
Hunter-Lab	68.4913, 18.5445, -39.3692

Details

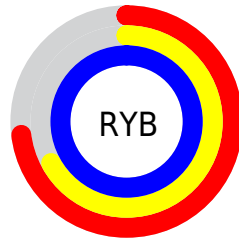
The XYZ color **53.1064, 46.9106, 100.8634** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **78.7078, 92.8112, 52.2959**, and the grayscale version is **46.1375, 48.5402, 52.8603**.

A 20% lighter version of the original color is **82.5546, 80.8458, 105.8614**, and **26.3056, 22.1764, 56.3201** is the 20% darker color. If you saturate the color by 10%, you get **44.0541, 35.7710, 99.1903**, and if you desaturate by 10%, it is **63.8167, 60.2861, 102.8806**.

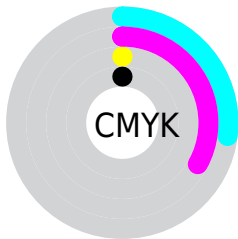
Distribution



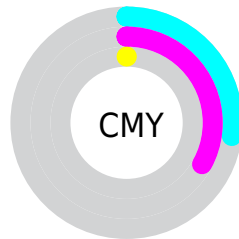
- Red (73%)
- Green (67%)
- Blue (100%)



- Red (73%)
- Yellow (67%)
- Blue (100%)



- Cyan (27%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1064, 46.9106, 100.8634 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 53.1064, 46.9106, 100.8634 by changing the saturation by 10% instead.

■ 53.1064, 46.9106,
100.8634

■ 53.1064, 46.9106,
100.8634

388.9474,
374.4576, 584.2276

■ 38.1155, 32.9650,
76.4009

■ 93.9255, 85.5802,
164.4054

■ 26.2500, 22.0996,
56.2527

120.4845,
111.0729, 204.3220

■ 17.1444, 13.9301,
40.0002

151.6302,
141.1835, 250.2270

■ 10.4335, 8.0721,
27.2249

187.7280,
176.2963, 302.5390

■ 5.7517, 4.1411,
17.5083

229.1433,
216.7957, 361.6765

■ 2.7339, 1.7528,
10.4318

276.2414,

■ 1.0147, 0.4575,

263.0661, 428.0581

5.5768

329.3876,
315.4919, 502.1023

■ 0.0000, 0.0000,
2.5249

■ 0.0000, 0.0000,
0.8533

■ 53.1064, 46.9106,
100.8634

■ 53.1064, 46.9106,
100.8634

■ 44.0541, 35.7710,
99.1903

■ 63.8167, 60.2861,
102.8806

■ 36.5708, 26.7389,
97.8414

■ 76.2588, 76.0057,
105.2590

■ 30.5660, 19.6809,
96.7955

■ 90.5075, 94.1771,
108.0155

■ 25.9375, 14.4457,
96.0290

■ 95.0500, 100.0000,
108.9000

■ 22.5696, 10.8597,
95.5143

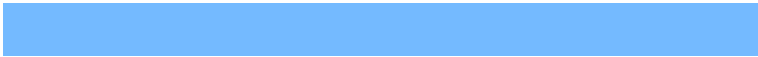
■ 20.3256, 8.7143,
95.2185

■ 19.2961, 7.8624,
95.1083

Harmonies

Analogous

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



44.7288, 46.9106, 111.0561



53.1064, 46.9106, 100.8634



59.8149, 46.9106, 76.7661

Triad

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



53.1064, 46.9106, 100.8634



52.8314, 46.9106, 20.9310



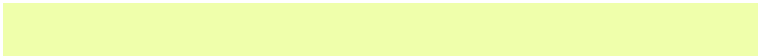
30.5717, 46.9106, 51.4841

Complementary

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



53.1064, 46.9106, 100.8634



78.7078, 92.8112, 52.2959

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.



32.1916, 46.9106, 31.8735



53.1064, 46.9106, 100.8634



44.4457, 46.9106, 17.8598

Square

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



53.1064, 46.9106, 100.8634



59.6429, 46.9106, 31.3636



37.0314, 46.9106, 21.1554



32.3056, 46.9106, 77.6909

Rectangle

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



53.1064, 46.9106, 100.8634



62.0709, 46.9106, 58.9108



37.0314, 46.9106, 21.1554



30.7397, 46.9106, 43.9717

Sweetspot

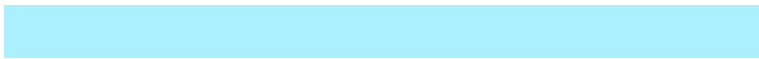
The Sweet Spot groups the original color and five complimentary colors.



53.1079, 46.9124, 100.8636



80.2569, 81.0887, 106.0294



65.8880, 77.9636, 106.1836



16.7650, 16.8305, 22.6150



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.



53.1079, 46.9124, 100.8636



46.5488, 38.8217, 99.6477



64.7359, 52.9069, 101.4078



17.3258, 17.5442, 22.7231



10.1741, 4.1554, 49.7004



1.0719, 0.4465, 4.8430

Inverse Universe

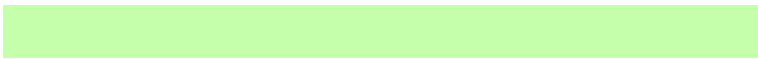
The Inverse Universe completely reimagines the original color for something new.



71.3837, 56.6192, 88.8281



67.7093, 50.0737, 85.1272



66.2951, 86.4122, 51.7150



18.6356, 18.2375, 21.9640



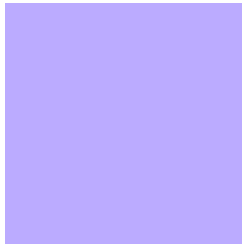
27.4502, 13.4694, 32.0847



2.7091, 1.3260, 3.3158

Previews

White Background



This preview shows how the XYZ color 53.1064, 46.9106, 100.8634 looks on a white background.

Color Contrast Check

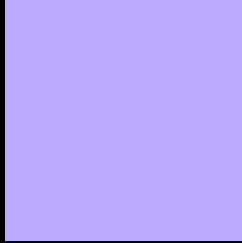
Large Text (above 18pt) WCAG AA × Fail

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 53.1064, 46.9106, 100.8634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

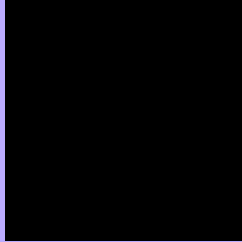
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1064, 46.9106, 100.8634

Background



This preview shows how black text looks on a background with the XYZ color 53.1064, 46.9106, 100.8634.



This preview shows how white text looks on a background with the XYZ color 53.1064, 46.9106,

100.8634.

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

53.1064, 46.9106, 100.8634

Protanopia

48.6693, 47.2334, 101.1596

Deuteranopia

48.3490, 47.1053, 99.4725



Tritanopia

44.9160, 47.1283, 59.5527

Trichromacy



Original Color

53.1064, 46.9106, 100.8634

Protanomaly

50.1343, 47.0993, 101.0565

Deuteranomaly

49.9737, 47.0351, 100.2107

Tritanomaly

47.5974, 47.0055, 72.8940

Monochromacy



Original Color

53.1064, 46.9106, 100.8634

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.2038, 47.7348, 67.6459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1064, 46.9106, 100.8634 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(187, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 171, 255)  
}
```

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(187, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 171, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.1064, 46.9106, 100.8634 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(187, 171, 255) }
```


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

```
.border{ border-color:rgb(187, 171, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 171,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1064, 46.9106, 100.8634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 171, 255) }
```

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

```
.background{ background-color: rgb(187,  
171, 255) }
```

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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