

Converting Colors

XYZ(53.7888, 47.5439,
100.9496)

Have a look what the booklet for
XYZ(53.7888, 47.5439, 100.9496)
contains.

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Color

**XYZ(53.7888, 47.5439,
100.9496)**

Conversions

Conversions Part 1

Format	Color
Hex	BDACFF
RGB	189, 172, 255
RGB Percent	74%, 67%, 100%
CMY	0.2588, 0.3255, 0.0000
CMYK	0.26, 0.33, 0.00, 0.00
HSL	252°, 100%, 84%
HSV	252°, 33%, 100%
XYZ	53.7888, 47.5439, 100.9496
YIQ	186.5450, -16.5110, 29.4170

Conversions

Conversions Part 2

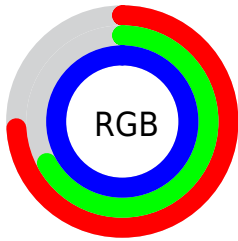
Format	Color
RYB	189, 172, 255
Decimal	12430591
CIELab	74.54, 23.33, -38.92
CIELCh	75, 45.380, 300.941
Yxy	47.5439, 0.2659, 0.2350
Android (android.graphics.Color)	4290620671 (0xFFBDACFF)
YUV	186.5450, 33.7483, 2.1530
Hunter-Lab	68.9521, 18.5798, -38.5373

Details

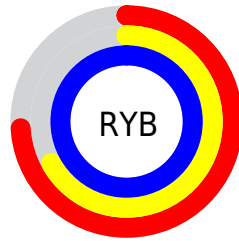
The XYZ color **53.7888, 47.5439, 100.9496** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **78.4669, 92.6760, 52.7842**, and the grayscale version is **46.8022, 49.2396, 53.6219**.

A 20% lighter version of the original color is **83.5251, 81.7510, 105.9850**, and **26.7410, 22.5785, 56.3748** is the 20% darker color. If you saturate the color by 10%, you get **44.7102, 36.3382, 99.2652**, and if you desaturate by 10%, it is **64.5047, 60.9779, 102.9779**.

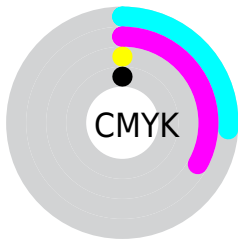
Distribution



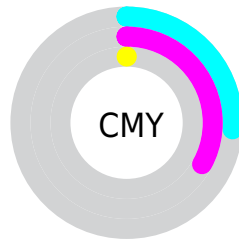
- Red (74%)
- Green (67%)
- Blue (100%)



- Red (74%)
- Yellow (67%)
- Blue (100%)



- Cyan (26%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7888, 47.5439, 100.9496 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 53.7888, 47.5439, 100.9496 by changing the saturation by 10% instead.

■ 53.7888, 47.5439,
100.9496

■ 53.7888, 47.5439,
100.9496

391.5156,
376.9814, 584.5056

■ 38.6628, 33.4658,
76.4725

■ 94.9228, 86.5249,
164.5248

■ 26.6771, 22.4835,
56.3111

121.6615,
112.1967, 204.4600

■ 17.4662, 14.2126,
40.0467

153.0019,
142.5018, 250.3849

■ 10.6648, 8.2687,
27.2609

189.3092,
177.8246, 302.7183

■ 5.9075, 4.2674,
17.5351

230.9489,
218.5496, 361.8784

■ 2.8291, 1.8242,
10.4508

278.2863,

■ 1.0640, 0.5022,

265.0612, 428.2840

5.5893

331.6868,
317.7436, 502.3535

■ 0.0000, 0.0000,
2.5323

■ 0.0000, 0.0000,
0.8572

■ 53.7888, 47.5439,
100.9496

■ 53.7888, 47.5439,
100.9496

■ 44.7102, 36.3382,
99.2652

■ 64.5047, 60.9779,
102.9779

■ 37.1820, 27.2335,
97.9046

■ 76.9299, 76.7472,
105.3668

■ 31.1157, 20.0980,
96.8471

■ 91.1375, 94.9584,
108.1331

■ 26.4120, 14.7824,
96.0690

■ 95.0500, 100.0000,
108.9000

■ 22.9580, 11.1152,
95.5432

■ 20.6211, 8.8912,
95.2371

■ 19.4780, 7.9562,
95.1168

Harmonies

Analogous

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



45.4484, 47.5439, 111.3034



53.7888, 47.5439, 100.9496



60.4175, 47.5439, 76.9388

Triad

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



53.7888, 47.5439, 100.9496



53.2868, 47.5439, 21.4812



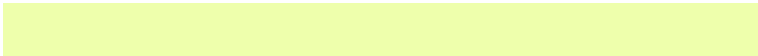
31.1882, 47.5439, 52.5122

Complementary

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



53.7888, 47.5439, 100.9496



78.4669, 92.6760, 52.7842

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.



32.7621, 47.5439, 32.7887



53.7888, 47.5439, 100.9496



44.9307, 47.5439, 18.4750

Square

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



53.7888, 47.5439, 100.9496



60.1038, 47.5439, 31.8507



37.5585, 47.5439, 21.8964



32.9715, 47.5439, 78.6234

Rectangle

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



53.7888, 47.5439, 100.9496



62.6133, 47.5439, 59.2064



37.5585, 47.5439, 21.8964



31.3404, 47.5439, 44.9788

Sweetspot

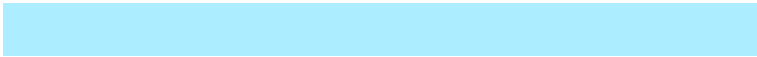
The Sweet Spot groups the original color and five complimentary colors.



53.7903, 47.5457, 100.9499



80.3774, 81.1508, 106.0351



65.7554, 77.3738, 106.0767



16.7939, 16.8454, 22.6163



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.



53.7903, 47.5457, 100.9499



47.7494, 40.0669, 99.8248



65.4688, 53.5662, 101.4965



17.3505, 17.5569, 22.7243



10.2747, 4.2073, 49.7051



1.0851, 0.4533, 4.8436

Inverse Universe

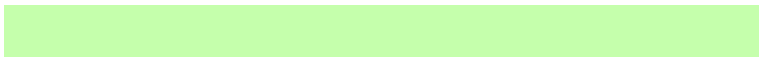
The Inverse Universe completely reimagines the original color for something new.



71.4260, 56.9396, 88.1153



67.9952, 50.8630, 84.5515



66.2072, 86.3559, 52.2105



18.6239, 18.2329, 21.9024



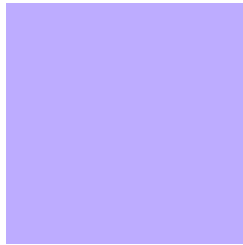
27.2227, 13.3784, 30.8868



2.6889, 1.3179, 3.2092

Previews

White Background



This preview shows how the XYZ color 53.7888, 47.5439, 100.9496 looks on a white background.

Color Contrast Check

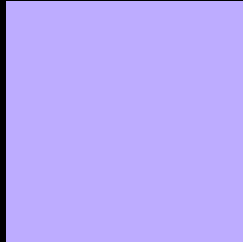
Large Text (above 18pt) WCAG AA × Fail

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 53.7888, 47.5439, 100.9496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

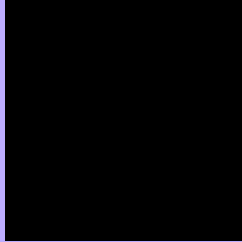
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7888, 47.5439, 100.9496

Background



This preview shows how black text looks on a background with the XYZ color 53.7888, 47.5439, 100.9496.

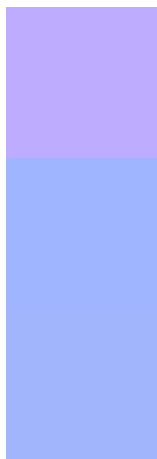


This preview shows how white text looks on a background with the XYZ color 53.7888, 47.5439,

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

53.7888, 47.5439, 100.9496

Protanopia

49.0711, 47.7413, 101.2364

Deuteranopia

48.9514, 47.7167, 99.5587



Tritanopia

45.4866, 47.4092, 60.1796

Trichromacy



Original Color

53.7888, 47.5439, 100.9496

Protanomaly

50.7650, 47.7187, 101.1428

Deuteranomaly

50.6044, 47.6545, 100.2970

Tritanomaly

48.1977, 47.2998, 73.6073

Monochromacy



Original Color

53.7888, 47.5439, 100.9496

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.3507, 48.9007, 69.1251

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7888, 47.5439, 100.9496 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(189, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 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(189, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7888, 47.5439, 100.9496 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(189, 172, 255) }
```


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

```
.border{ border-color:rgb(189, 172, 255) }
```

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

Here you see how a box with a 4 pixel rgb(189, 172, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7888, 47.5439, 100.9496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 255) }
```

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

```
.background{ background-color: rgb(189,  
172, 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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