

Converting Colors

XYZ(53.6480, 47.0512, 87.5662)

Have a look what the booklet for
XYZ(53.6480, 47.0512, 87.5662)
contains.

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Color

**XYZ(53.5874, 46.8873,
87.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A9EF
RGB	200, 169, 239
RGB Percent	78%, 66%, 94%
CMY	0.2157, 0.3372, 0.0627
CMYK	0.16, 0.29, 0.00, 0.06
HSL	267°, 69%, 80%
HSV	267°, 29%, 94%
XYZ	53.5874, 46.8873, 87.8871
YIQ	186.2490, -3.9940, 28.3420

Conversions

Conversions Part 2

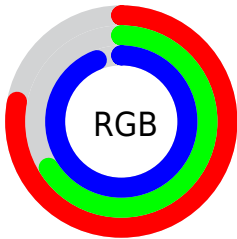
Format	Color
R _Y B	200, 169, 239
Decimal	13150703
CIE Lab	74.12, 24.62, -30.84
CIE LCh	74, 39.463, 308.600
Yxy	46.8873, 0.2845, 0.2489
Android (android.graphics.Color)	4291340783 (0xFFC8A9EF)
YUV	186.2490, 26.0062, 12.0596
Hunter-Lab	68.4743, 19.8625, -28.1670

Details

The XYZ color **53.5874, 46.8873, 87.8871** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.0417, 78.0085, 49.2200**, and the grayscale version is **46.6734, 49.1040, 53.4743**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **26.5856, 22.1612, 47.6761** is the 20% darker color. If you saturate the color by 10%, you get **46.1384, 37.0400, 86.3797**, and if you desaturate by 10%, it is **62.1619, 58.5234, 89.6819**.

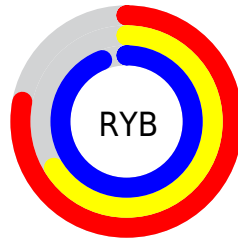
Distribution



Red (78%)

Green (66%)

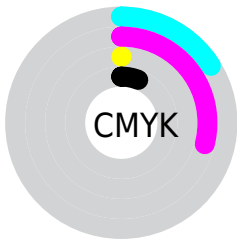
Blue (94%)



Red (78%)

Yellow (66%)

Blue (94%)

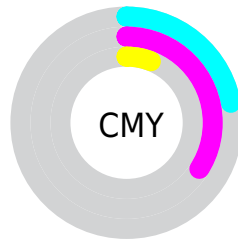


Cyan (16%)

Magenta (29%)

Yellow (0%)

Black (6%)



Cyan (22%)


Magenta (34%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5874, 46.8873, 87.8871 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 53.5874, 46.8873, 87.8871 by changing the saturation by 10% instead.

 53.5874, 46.8873,
87.8871


 53.5874, 46.8873,
87.8871


390.7588,
374.3645, 541.5252

 38.5013, 32.9466,
65.6658

 94.6286, 85.5454,
146.3097

 26.5509, 22.0855,
47.5464


 121.3144,
111.0315, 183.3481

 17.3711, 13.9198,
33.1103


152.5974,
141.1349, 226.1626

 10.5964, 8.0649,
21.9392

188.8430,
176.2399, 275.1716

 5.8614, 4.1365,
13.6143

230.4166,
216.7310, 330.7939

 2.8008, 1.7502,
7.7172

277.6835,

 1.0493, 0.4558,

262.9925, 393.4479

3.8294

331.0091,
315.4089, 463.5521

■ 0.0000, 0.0000,
1.5322

■ 0.0000, 0.0000,
0.2418

■ 53.5874, 46.8873,
87.8871

■ 53.5874, 46.8873,
87.8871

■ 46.1384, 37.0400,
86.3797

■ 62.1619, 58.5234,
89.6819

■ 39.7580, 28.8830,
85.1416

■ 71.9059, 72.0284,
91.7751

■ 34.3911, 22.3170,
84.1571

■ 82.8662, 87.4843,
94.1807

■ 29.9752, 17.2293,
83.4078

■ 91.9450, 98.6846,
95.8641

■ 26.4395, 13.4921,
82.8728

■ 92.5801, 99.0120,
95.8938

■ 23.7014, 10.9542,
82.5272

■ 21.6370, 9.3819,
82.3326

■ 21.5053, 9.2866,
82.3211

Harmonies

Analogous

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



46.6271, 46.8873, 99.9825



53.5874, 46.8873, 87.8871



58.4452, 46.8873, 66.6020

Triad

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



53.5874, 46.8873, 87.8871



49.7070, 46.8873, 22.7239



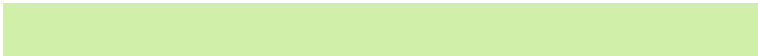
32.4389, 46.8873, 57.0929

Complementary

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



53.5874, 46.8873, 87.8871



64.0417, 78.0085, 49.2200

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.



33.0772, 46.8873, 38.1334



53.5874, 46.8873, 87.8871



42.5646, 46.8873, 21.4404

Square

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



53.5874, 46.8873, 87.8871



56.0453, 46.8873, 30.4259



36.6168, 46.8873, 26.2865



34.7703, 46.8873, 79.3698

Rectangle

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



53.5874, 46.8873, 87.8871



59.5694, 46.8873, 52.0086



36.6168, 46.8873, 26.2865



32.3187, 46.8873, 50.1078

Sweetspot

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



53.5889, 46.8892, 87.8881



83.6120, 83.8764, 106.3907



54.6625, 60.1062, 90.3827



17.5240, 17.4326, 22.6912



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.



53.5889, 46.8892, 87.8881



56.8935, 47.4199, 100.7621



63.8105, 52.1586, 88.3665



15.5617, 15.5713, 19.9070



12.0296, 5.2069, 45.4989



1.1133, 0.4912, 3.7903

Inverse Universe

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



61.1711, 51.2826, 66.3506



67.1577, 53.3724, 71.3729



55.4108, 73.5592, 48.8160



16.1415, 15.9063, 18.3014



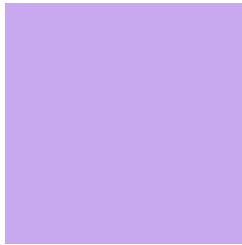
22.0843, 11.1061, 13.6262



1.8872, 0.9439, 1.3968

Previews

White Background



This preview shows how the XYZ color 53.5874, 46.8873, 87.8871 looks on a white background.

Color Contrast Check

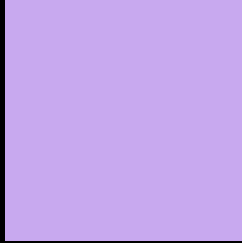
Large Text (above 18pt) WCAG AA × Fail

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 53.5874, 46.8873, 87.8871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

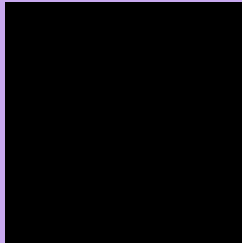
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5874, 46.8873, 87.8871

Background



This preview shows how black text looks on a background with the XYZ color 53.5874, 46.8873, 87.8871.



This preview shows how white text looks on a background with the XYZ color 53.5874, 46.8873, 87.8871.

87.8871.

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

53.5874, 46.8873, 87.8871

Protanopia

48.2140, 47.1444, 94.5543

Deuteranopia

48.2007, 47.0126, 86.6546



Tritanopia

47.1731, 46.8530, 56.4264

Trichromacy



Original Color

53.5874, 46.8873, 87.8871

Protanomaly

49.7590, 46.8124, 92.0011

Deuteranomaly

50.0540, 46.7781, 87.2799

Tritanomaly

49.3443, 46.8655, 66.7668

Monochromacy



Original Color

53.5874, 46.8873, 87.8871

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.8266, 48.1267, 64.4735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5874, 46.8873, 87.8871 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(200, 169, 239)` looks like.

```
.text, #text, p{  
    color:rgb(200, 169, 239)  
}
```

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(200, 169, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 169, 239) }
```

Border

The CSS property to change the border of an element to XYZ 53.5874, 46.8873, 87.8871 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(200, 169, 239) }
```


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

```
.border{ border-color:rgb(200, 169, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 169, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 169, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 169, 239); box-shadow:4px 4px 4px 4px rgb(200, 169, 239) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5874, 46.8873, 87.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 169, 239) }
```

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

```
.background{ background-color: rgb(200,  
169, 239) }
```

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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