

Converting Colors

XYZ(53.9811, 47.7995, 88.2880)

Have a look what the booklet for
XYZ(53.9811, 47.7995, 88.2880)
contains.

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Color

**XYZ(53.8857, 47.8792,
88.0629)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C7ACEF |
| RGB | 199, 172, 239 |
| RGB Percent | 78%, 67%, 94% |
| CMY | 0.2196, 0.3255, 0.0627 |
| CMYK | 0.17, 0.28, 0.00, 0.06 |
| HSL | 264°, 68%, 81% |
| HSV | 264°, 28%, 94% |
| XYZ | 53.8857, 47.8792, 88.0629 |
| YIQ | 187.7110, -5.4150, 26.5610 |

Conversions

Conversions Part 2

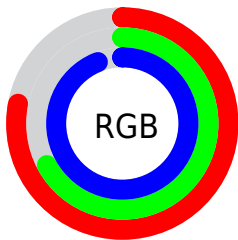
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 199, 172, 239 |
| Decimal | 13085935 |
| CIE _{Lab} | 74.75, 22.67, -29.88 |
| CIE _{LCh} | 75, 37.502, 307.184 |
| Y _{xy} | 47.8792, 0.2839, 0.2522 |
| Android (android.graphics.Color) | 4291276015 (0xFFC7ACEF) |
| YUV | 187.7110, 25.2855, 9.9005 |
| Hunter-Lab | 69.1948, 17.9166, -27.0209 |

Details

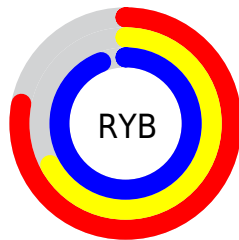
The XYZ color **53.8857, 47.8792, 88.0629** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **65.4659, 78.7098, 50.7740**, and the grayscale version is **47.5008, 49.9746, 54.4223**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **26.7653, 22.7811, 47.7863** is the 20% darker color. If you saturate the color by 10%, you get **46.1297, 37.7257, 86.5126**, and if you desaturate by 10%, it is **62.8178, 59.8555, 89.9046**.

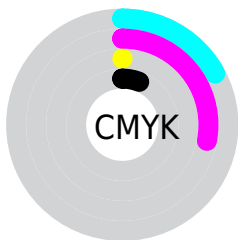
Distribution



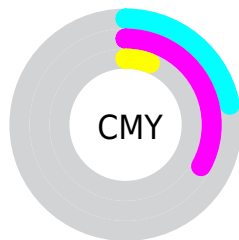
- Red (78%)
- Green (67%)
- Blue (94%)



- Red (78%)
- Yellow (67%)
- Blue (94%)



- Cyan (17%)
- Magenta (28%)
- Yellow (0%)
- Black (6%)





- Cyan (22%)
- Magenta (33%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8857, 47.8792, 88.0629 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 53.8857, 47.8792, 88.0629 by changing the saturation by 10% instead.


 53.8857, 47.8792,
88.0629

 53.8857, 47.8792,
88.0629


391.8795,
378.3131, 542.1158

 38.7406, 33.7312,
65.8105

 95.0643, 87.0245,
146.5566

 26.7378, 22.6872,
47.6631


121.8285,
112.7907, 183.6351

 17.5120, 14.3627,
33.2021


153.1964,
143.1983, 226.4926

 10.6977, 8.3734,
22.0089


189.5334,
178.6319, 275.5478

 5.9298, 4.3348,
13.6651

231.2048,
219.4757, 331.2192

 2.8427, 1.8625,
7.7520

278.5761,

 1.0711, 0.5257,

266.1143, 393.9253

3.8512

332.0125,
318.9320, 464.0847

■ 0.0007, 0.0000,
1.5441

■ 0.0000, 0.0000,
0.2504

■ 53.8857, 47.8792,
88.0629

■ 53.8857, 47.8792,
88.0629

■ 46.1297, 37.7257,
86.5126

■ 62.8178, 59.8555,
89.9046

■ 39.4915, 29.2965,
85.2355

■ 72.9713, 73.7348,
92.0484

■ 33.9147, 22.4922,
84.2161

■ 84.3945, 89.5993,
94.5085

■ 29.3352, 17.2010,
83.4361

■ 92.5801, 99.0121,
95.8939

■ 25.6814, 13.2959,
82.8750

■ 22.8700, 10.6280,
82.5082

■ 20.7898, 8.9935,
82.3023

■ 20.4368, 8.7358,
82.2712

Harmonies

Analogous

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



47.1644, 47.8792, 98.8691



53.8857, 47.8792, 88.0629



58.6702, 47.8792, 68.0609

Triad

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



53.8857, 47.8792, 88.0629



50.7742, 47.8792, 24.6511



33.7176, 47.8792, 56.9623

Complementary

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



53.8857, 47.8792, 88.0629



65.4659, 78.7098, 50.7740

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.



34.4777, 47.8792, 38.9056



53.8857, 47.8792, 88.0629



43.8904, 47.8792, 23.0840

Square

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



53.8857, 47.8792, 88.0629



56.7524, 47.8792, 32.6000



38.0465, 47.8792, 27.6074



35.8561, 47.8792, 78.2284

Rectangle

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



53.8857, 47.8792, 88.0629



59.8727, 47.8792, 53.9955



38.0465, 47.8792, 27.6074



33.6465, 47.8792, 50.3125

Sweetspot

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



53.8873, 47.8812, 88.0640



84.5442, 85.4307, 106.6415



56.1884, 62.1914, 90.7048



17.6959, 17.7350, 22.7405



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.



53.8873, 47.8812, 88.0640



56.8015, 48.0661, 100.8917



63.7101, 52.9450, 88.5237



15.5002, 15.5396, 19.9041



11.4328, 4.8992, 45.4709



1.0607, 0.4641, 3.7879

Inverse Universe

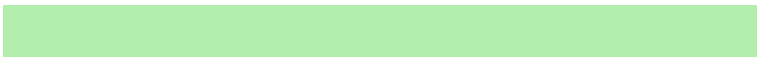
The Inverse Universe completely reimagines the original color for something new.



62.2344, 52.6112, 69.1643



68.2246, 54.5468, 74.6861



56.8357, 74.2608, 50.3701



16.1690, 15.9173, 18.4459



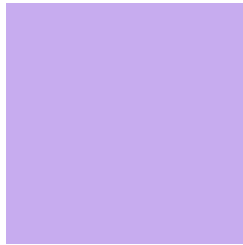
22.4650, 11.2584, 15.6309



1.9180, 0.9562, 1.5588

Previews

White Background



This preview shows how the XYZ color 53.8857, 47.8792, 88.0629 looks on a white background.

Color Contrast Check

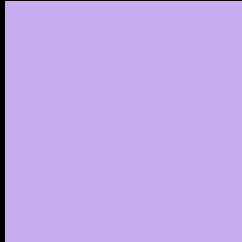
Large Text (above 18pt) WCAG AA × Fail

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 53.8857, 47.8792, 88.0629 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 53.8857, 47.8792, 88.0629

Background



This preview shows how black text looks on a background with the XYZ color 53.8857, 47.8792, 88.0629.



This preview shows how white text looks on a background with the XYZ color 53.8857, 47.8792,

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

53.8857, 47.8792, 88.0629

Protanopia

49.0884, 48.2167, 93.9083

Deuteranopia

49.2655, 48.1608, 86.8202



Tritanopia

47.6574, 47.6590, 58.3171

Trichromacy



Original Color

53.8857, 47.8792, 88.0629

Protanomaly

50.4582, 47.7768, 91.3564

Deuteranomaly

50.8815, 48.0811, 87.4878

Tritanomaly

49.7281, 47.6168, 68.1980

Monochromacy



Original Color

53.8857, 47.8792, 88.0629

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.7287, 49.1674, 65.9008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8857, 47.8792, 88.0629 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(199, 172, 239)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 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(199, 172, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 239) }
```

Border

The CSS property to change the border of an element to XYZ 53.8857, 47.8792, 88.0629 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(199, 172, 239) }
```


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

```
.border{ border-color:rgb(199, 172, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 172, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 239);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8857, 47.8792, 88.0629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 239) }
```

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

```
.background{ background-color: rgb(199,  
172, 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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