

Converting Colors

XYZ(53.9120, 47.3903, 87.5140)

Have a look what the booklet for
XYZ(53.9120, 47.3903, 87.5140)
contains.

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Color

**XYZ(53.8947, 47.3400,
87.1859)**

Conversions

Conversions Part 1

Format	Color
Hex	C9AAEE
RGB	201, 170, 238
RGB Percent	79%, 67%, 93%
CMY	0.2118, 0.3333, 0.0667
CMYK	0.16, 0.29, 0.00, 0.07
HSL	267°, 67%, 80%
HSV	267°, 29%, 93%
XYZ	53.8947, 47.3400, 87.1859
YIQ	187.0210, -3.3520, 27.7200

Conversions

Conversions Part 2

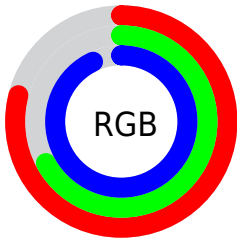
Format	Color
R _Y B	201, 170, 238
Decimal	13216494
CIE Lab	74.41, 24.16, -29.85
CIE LCh	74, 38.401, 308.992
Yxy	47.3400, 0.2860, 0.2512
Android (android.graphics.Color)	4291406574 (0xFFC9AAEE)
YUV	187.0210, 25.1326, 12.2596
Hunter-Lab	68.8041, 19.4132, -26.9672

Details

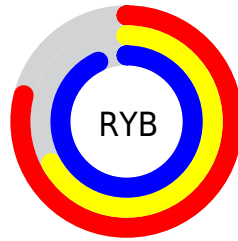
The XYZ color **53.8947, 47.3400, 87.1859** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.5639, 77.3179, 49.6060**, and the grayscale version is **47.1114, 49.5648, 53.9761**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **26.7760, 22.4453, 47.1771** is the 20% darker color. If you saturate the color by 10%, you get **46.4950, 37.4918, 85.6758**, and if you desaturate by 10%, it is **62.3987, 58.9586, 88.9811**.

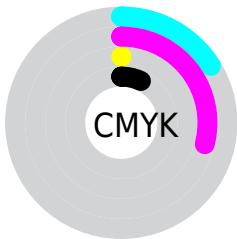
Distribution



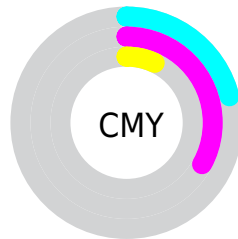
- Red (79%)
- Green (67%)
- Blue (93%)



- Red (79%)
- Yellow (67%)
- Blue (93%)



- Cyan (16%)
- Magenta (29%)
- Yellow (0%)
- Black (7%)





- Cyan (21%)
- Magenta (33%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8947, 47.3400, 87.1859 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 53.8947, 47.3400, 87.1859 by changing the saturation by 10% instead.


 53.8947, 47.3400,
87.1859

 53.8947, 47.3400,
87.1859


391.9132,
376.1700, 539.1656

 38.7478, 33.3045,
65.0886

 95.0774, 86.2209,
145.3244

 26.7434, 22.3598,
47.0811


121.8440,
111.8351, 182.2026

 17.5162, 14.1215,
32.7450


153.2144,
142.0777, 224.8448

 10.7008, 8.2052,
21.6616


189.5542,
177.3331, 273.6697

 5.9318, 4.2266,
13.4125

231.2286,
217.9856, 329.0956

 2.8439, 1.8011,
7.5792

278.6030,

 1.0718, 0.4879,

264.4197, 391.5412

3.7430

332.0428,
317.0197, 461.4251

■ 0.0013, 0.0000,
1.4854

■ 0.0000, 0.0000,
0.2070

■ 53.8947, 47.3400,
87.1859

■ 53.8947, 47.3400,
87.1859

■ 46.4950, 37.4918,
85.6758

■ 62.3987, 58.9586,
88.9811

■ 40.1440, 29.3173,
84.4327

■ 72.0496, 72.4261,
91.0719

■ 34.7882, 22.7192,
83.4414

■ 82.8932, 87.8230,
93.4723

■ 30.3667, 17.5872,
82.6838

■ 91.6292, 98.5388,
95.0802

■ 26.8109, 13.7963,
82.1396

■ 92.4328, 98.9531,
95.1178

■ 24.0408, 11.1995,
81.7843

■ 21.9438, 9.5845,
81.5831

■ 21.6779, 9.3926,
81.5601

Harmonies

Analogous

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



47.1065, 47.3400, 99.0714



53.8947, 47.3400, 87.1859



58.5904, 47.3400, 66.4441

Triad

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



53.8947, 47.3400, 87.1859



49.9344, 47.3400, 23.5336



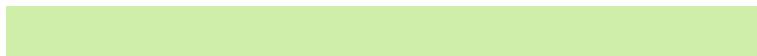
33.0941, 47.3400, 57.7317

Complementary

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



53.8947, 47.3400, 87.1859



63.5639, 77.3179, 49.6060

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.



33.6848, 47.3400, 39.0587



53.8947, 47.3400, 87.1859



42.9480, 47.3400, 22.3309

Square

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



53.8947, 47.3400, 87.1859



56.1460, 47.3400, 31.0985



37.1337, 47.3400, 27.2436



35.4282, 47.3400, 79.4233

Rectangle

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



53.8947, 47.3400, 87.1859



59.6486, 47.3400, 52.2182



37.1337, 47.3400, 27.2436



32.9627, 47.3400, 50.8780

Sweetspot

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



53.8963, 47.3420, 87.1870



83.7147, 83.9294, 106.3955



54.4217, 59.5405, 89.5138



17.5492, 17.4456, 22.6923



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.



53.8963, 47.3420, 87.1870



58.0711, 48.7206, 100.9511



63.9377, 52.5185, 87.6569



15.5818, 15.5816, 19.9079



12.2390, 5.3149, 45.5087



1.1315, 0.5006, 3.7912

Inverse Universe

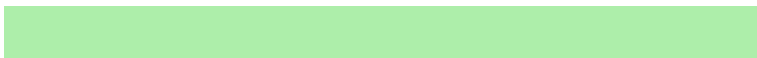
The Inverse Universe completely reimagines the original color for something new.



60.8986, 51.4335, 65.7514



67.6251, 54.3070, 71.5291



55.1540, 72.9825, 49.2124



16.1326, 15.9027, 18.2544



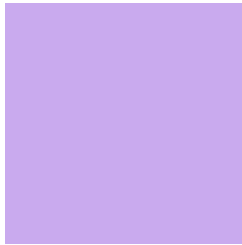
21.9670, 11.0592, 13.0085



1.8776, 0.9401, 1.3463

Previews

White Background



This preview shows how the XYZ color 53.8947, 47.3400, 87.1859 looks on a white background.

Color Contrast Check

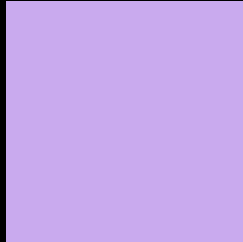
Large Text (above 18pt) WCAG AA × Fail

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 53.8947, 47.3400, 87.1859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

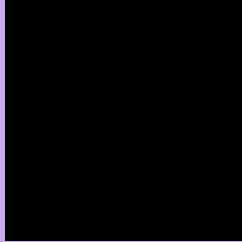
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8947, 47.3400, 87.1859

Background



This preview shows how black text looks on a background with the XYZ color 53.8947, 47.3400, 87.1859.



This preview shows how white text looks on a background with the XYZ color 53.8947, 47.3400,

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

53.8947, 47.3400, 87.1859

Protanopia

48.6755, 47.7009, 93.8305

Deuteranopia

48.6952, 47.5829, 85.9748



Tritanopia

47.7381, 47.4279, 57.0905

Trichromacy



Original Color

53.8947, 47.3400, 87.1859

Protanomaly

50.2599, 47.3803, 91.2904

Deuteranomaly

50.3398, 47.2324, 86.5843

Tritanomaly

49.7989, 47.3899, 66.8441

Monochromacy



Original Color

53.8947, 47.3400, 87.1859

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.4027, 48.7104, 65.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8947, 47.3400, 87.1859 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(201, 170, 238)` looks like.

```
.text, #text, p{  
    color:rgb(201, 170, 238)  
}
```

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(201, 170, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 170, 238) }
```

Border

The CSS property to change the border of an element to XYZ 53.8947, 47.3400, 87.1859 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(201, 170, 238) }
```


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

```
.border{ border-color:rgb(201, 170, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 170, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 170, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 170, 238);  
box-shadow:4px 4px 4px 4px rgb(201, 170,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8947, 47.3400, 87.1859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 170, 238) }
```

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

```
.background{ background-color: rgb(201,  
170, 238) }
```

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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