

Converting Colors

XYZ(55.1274, 47.8427, 79.2824)

Have a look what the booklet for
XYZ(55.1274, 47.8427, 79.2824)
contains.

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Color

**XYZ(55.2045, 47.9190,
79.0128)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A9E3
RGB	212, 169, 227
RGB Percent	83%, 66%, 89%
CMY	0.1686, 0.3372, 0.1098
CMYK	0.07, 0.26, 0.00, 0.11
HSL	284°, 51%, 78%
HSV	284°, 26%, 89%
XYZ	55.2045, 47.9190, 79.0128
YIQ	188.4690, 7.0100, 27.1540

Conversions

Conversions Part 2

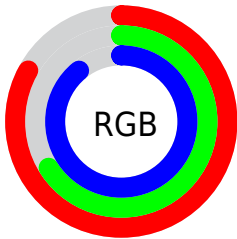
Format	Color
R _{YB}	212, 169, 227
Decimal	13937123
CIE Lab	74.77, 25.91, -23.22
CIE LCh	75, 34.788, 318.131
Yxy	47.9190, 0.3031, 0.2631
Android (android.graphics.Color)	4292127203 (0xFFD4A9E3)
YUV	188.4690, 18.9958, 20.6367
Hunter-Lab	69.2236, 21.2092, -19.2180

Details

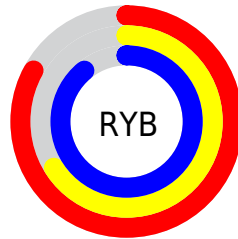
The XYZ color **55.2045, 47.9190, 79.0128** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.3993, 67.9943, 47.7954**, and the grayscale version is **47.9604, 50.4581, 54.9489**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **27.5007, 22.5992, 41.4407** is the 20% darker color. If you saturate the color by 10%, you get **49.6812, 39.3384, 77.6484**, and if you desaturate by 10%, it is **61.5255, 58.0016, 80.6265**.

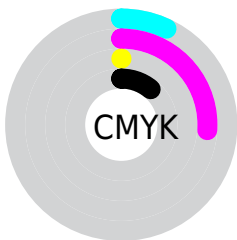
Distribution



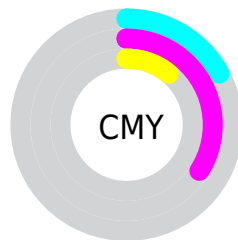
- Red (83%)
- Green (66%)
- Blue (89%)



- Red (83%)
- Yellow (66%)
- Blue (89%)



- Cyan (7%)
- Magenta (26%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (34%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2045, 47.9190, 79.0128 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 55.2045, 47.9190, 79.0128 by changing the saturation by 10% instead.

55.2045, 47.9190,
79.0128

55.2045, 47.9190,
79.0128

396.8105,
378.4710, 511.2184

39.8000, 33.7627,
58.3850

96.9871, 87.0838,
133.7757

27.5661, 22.7114,
41.7015

124.0959,
112.8611, 168.7479

18.1376, 14.3805,
28.5438

155.8367,
143.2809, 209.3385

11.1491, 8.3858,
18.4934

192.5751,
178.7276, 255.9662

6.2353, 4.3428,
11.1317

234.6763,
219.5856, 309.0495

3.0307, 1.8671,
6.0402

282.5057,

1.1700, 0.5285,

266.2392, 369.0070

2.8003

336.4286,
319.0728, 436.2571

■ 0.0825, 0.0000,
0.9936

■ 0.0000, 0.0000,
0.0000

■ 55.2045, 47.9190,
79.0128

■ 55.2045, 47.9190,
79.0128

■ 49.6812, 39.3384,
77.6484

■ 61.5255, 58.0016,
80.6265

■ 44.9125, 32.1777,
76.5176

■ 68.6754, 69.6507,
82.4982

■ 40.8580, 26.3558,
75.6076

■ 76.6892, 82.9344,
84.6398

■ 37.4713, 21.7813,
74.9031

■ 84.0465, 94.8109,
86.5444

■ 34.7004, 18.3508,
74.3870

■ 86.0224, 95.8295,
86.6369

■ 32.4845, 15.9440,
74.0392

■ 88.0629, 96.8814,
86.7324

■ 30.7492, 14.4129,
73.8351

■ 90.1686, 97.9670,
86.8310

■ 30.0764, 13.9032,
73.7722

■ 90.8653, 98.3261,
86.8636

Harmonies

Analogous

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



49.4317, 47.9190, 92.7174



55.2045, 47.9190, 79.0128



58.4989, 47.9190, 59.6638

Triad

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



55.2045, 47.9190, 79.0128



48.0902, 47.9190, 24.9963



34.9482, 47.9190, 63.7690

Complementary

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



55.2045, 47.9190, 79.0128



54.3993, 67.9943, 47.7954

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.



34.6612, 47.9190, 45.3418



55.2045, 47.9190, 79.0128



41.8687, 47.9190, 25.6034

Square

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



55.2045, 47.9190, 79.0128



54.1446, 47.9190, 30.3185



37.0846, 47.9190, 32.2286



37.9089, 47.9190, 82.6100

Rectangle

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



55.2045, 47.9190, 79.0128



58.6617, 47.9190, 47.4078



37.0846, 47.9190, 32.2286



34.5466, 47.9190, 57.2529

Sweetspot

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



55.2060, 47.9210, 79.0138



86.9695, 86.6809, 106.7550



47.4668, 48.4583, 79.5255



18.3072, 18.0501, 22.7691



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.



55.2060, 47.9210, 79.0138



67.6801, 55.8377, 101.8184



57.9375, 49.5366, 69.7709



14.6122, 14.4178, 18.1571



17.6546, 8.1672, 43.0291



1.3899, 0.6475, 3.1837

Inverse Universe

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



54.5198, 48.1695, 51.7735



66.7643, 56.2946, 59.8071



52.3316, 66.7739, 54.6780



14.5292, 14.4289, 15.7212



18.9714, 9.7228, 3.4785



1.4391, 0.7334, 0.4529

Previews

White Background



This preview shows how the XYZ color 55.2045, 47.9190, 79.0128 looks on a white background.

Color Contrast Check

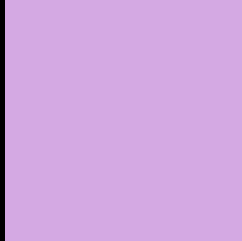
Large Text (above 18pt) WCAG AA × Fail

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 55.2045, 47.9190, 79.0128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

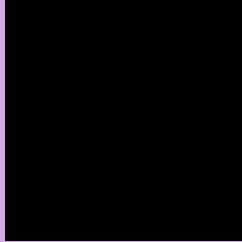
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2045, 47.9190, 79.0128

Background



This preview shows how black text looks on a background with the XYZ color 55.2045, 47.9190, 79.0128.



This preview shows how white text looks on a background with the XYZ color 55.2045, 47.9190,

79.0128.

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

55.2045, 47.9190, 79.0128

Protanopia

48.4458, 48.0581, 86.0796

Deuteranopia

49.2033, 48.0238, 77.9104



Tritanopia

50.2732, 47.8902, 55.3092

Trichromacy



Original Color

55.2045, 47.9190, 79.0128

Protanomaly

50.4377, 47.6418, 83.6282

Deuteranomaly

51.2451, 47.8791, 78.4922

Tritanomaly

51.7355, 47.6088, 62.9626

Monochromacy



Original Color

55.2045, 47.9190, 79.0128

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.2105, 49.1823, 62.7239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2045, 47.9190, 79.0128 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(212, 169, 227)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 227)  
}
```

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(212, 169, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 227) }
```

Border

The CSS property to change the border of an element to XYZ 55.2045, 47.9190, 79.0128 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(212, 169, 227) }
```


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

```
.border{ border-color:rgb(212, 169, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2045, 47.9190, 79.0128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 227) }
```

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

```
.background{ background-color: rgb(212,  
169, 227) }
```

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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