

Converting Colors

XYZ(55.5064, 47.8781, 75.4231)

Have a look what the booklet for
XYZ(55.5064, 47.8781, 75.4231)
contains.

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Color

**XYZ(55.5064, 47.8781,
75.4231)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A8DE
RGB	216, 168, 222
RGB Percent	85%, 66%, 87%
CMY	0.1529, 0.3412, 0.1294
CMYK	0.03, 0.24, 0.00, 0.13
HSL	293°, 45%, 76%
HSV	293°, 24%, 87%
XYZ	55.5064, 47.8781, 75.4231
YIQ	188.5080, 11.2740, 26.9700

Conversions

Conversions Part 2

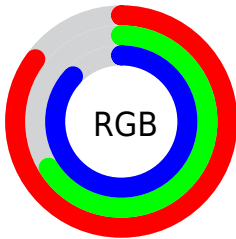
Format	Color
R _{YB}	216, 168, 222
Decimal	14199006
CIE Lab	74.75, 26.78, -20.50
CIE LCh	75, 33.722, 322.563
Yxy	47.8781, 0.3104, 0.2678
Android (android.graphics.Color)	4292389086 (0xFFD8A8DE)
YUV	188.5080, 16.5116, 24.1105
Hunter-Lab	69.1940, 22.1005, -16.1917

Details

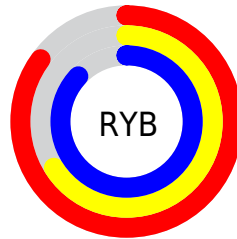
The XYZ color **55.5064, 47.8781, 75.4231** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.6462, 64.0695, 46.7454**, and the grayscale version is **47.9946, 50.4940, 54.9880**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **27.8037, 22.6286, 39.4615** is the 20% darker color. If you saturate the color by 10%, you get **51.0299, 39.9979, 74.1387**, and if you desaturate by 10%, it is **60.6965, 57.1674, 76.9433**.

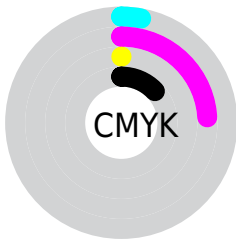
Distribution



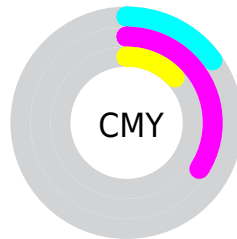
- Red (85%)
- Green (66%)
- Blue (87%)



- Red (85%)
- Yellow (66%)
- Blue (87%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)




- Cyan (15%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5064, 47.8781, 75.4231 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 55.5064, 47.8781, 75.4231 by changing the saturation by 10% instead.


 55.5064, 47.8781,
75.4231


 55.5064, 47.8781,
75.4231


397.9339,
378.3087, 498.6647

 40.0428, 33.7304,
55.4558


 97.4265, 87.0229,
128.6637

 27.7562, 22.6865,
39.3657


 124.6137,
112.7887, 162.7740

 18.2815, 14.3622,
26.7343


156.4394,
143.1960, 202.4358

 11.2532, 8.3730,
17.1431

193.2691,
178.6292, 248.0675

 6.3059, 4.3346,
10.1735

235.4680,
219.4727, 300.0877

 3.0744, 1.8624,
5.4071

283.4015,

 1.1932, 0.5256,

266.1109, 358.9150

2.4251

337.4351,
318.9281, 424.9678

■ 0.1010, 0.0000,
0.8001

■ 0.0000, 0.0000,
0.0000

■ 55.5064, 47.8781,
75.4231

■ 55.5064, 47.8781,
75.4231

■ 51.0299, 39.9979,
74.1387

■ 60.6965, 57.1674,
76.9433

■ 47.2268, 33.4494,
73.0752

■ 66.6287, 67.9255,
78.7071

■ 44.0601, 28.1574,
72.2206

■ 73.3355, 80.2165,
80.7260

■ 41.4870, 24.0367,
71.5609

■ 80.2675, 92.9414,
82.8168

39.4596, 20.9914,
71.0799

81.0460, 93.3427,
82.8533

37.9222, 18.9102,
70.7592

81.8357, 93.7498,
82.8902

36.8072, 17.6579,
70.5763

82.6365, 94.1626,
82.9277

36.2990, 17.1897,
70.5127

83.4486, 94.5813,
82.9657

84.2721, 95.0058,
83.0043

Harmonies

Analogous

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



50.1738, 47.8781, 89.8647



55.5064, 47.8781, 75.4231



58.2034, 47.8781, 56.6167

Triad

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



55.5064, 47.8781, 75.4231



47.0471, 47.8781, 25.3417



35.4803, 47.8781, 66.1638

Complementary

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



55.5064, 47.8781, 75.4231



50.6462, 64.0695, 46.7454

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.



34.8053, 47.8781, 47.8889



55.5064, 47.8781, 75.4231



41.1384, 47.8781, 26.7882

Square

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



55.5064, 47.8781, 75.4231



53.0428, 47.8781, 29.6857



36.7865, 47.8781, 34.2082



38.7205, 47.8781, 83.7372

Rectangle

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



55.5064, 47.8781, 75.4231



57.9883, 47.8781, 45.1375



36.7865, 47.8781, 34.2082



34.9584, 47.8781, 59.8121

Sweetspot

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



55.5079, 47.8802, 75.4241



88.8918, 88.7611, 107.0552



44.5293, 43.9891, 75.2517



18.9181, 18.8015, 22.8819



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.



55.5079, 47.8802, 75.4241



72.8657, 60.0230, 102.3529



54.7062, 47.7680, 61.7818



14.1372, 13.8543, 17.3167



21.6197, 10.2407, 41.8855



1.5419, 0.7322, 2.9053

Inverse Universe

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



51.7683, 46.5929, 46.3112



66.9883, 58.0138, 55.9627



51.4241, 64.2297, 57.6626



13.7688, 13.7252, 14.5529



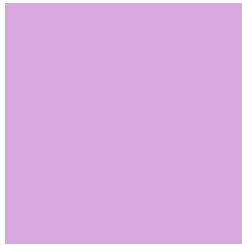
18.0155, 9.2732, 1.4813



1.2697, 0.6512, 0.2133

Previews

White Background



This preview shows how the XYZ color 55.5064, 47.8781, 75.4231 looks on a white background.

Color Contrast Check

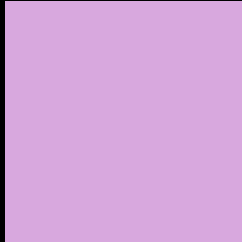
Large Text (above 18pt) WCAG AA × Fail

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 55.5064, 47.8781, 75.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

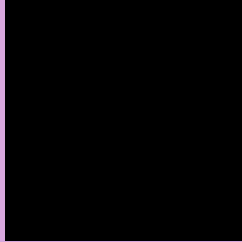
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5064, 47.8781, 75.4231

Background



This preview shows how black text looks on a background with the XYZ color 55.5064, 47.8781, 75.4231.



This preview shows how white text looks on a background with the XYZ color 55.5064, 47.8781,

75.4231.

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

55.5064, 47.8781, 75.4231

Protanopia

48.3067, 48.0527, 83.0730

Deuteranopia

49.2471, 48.1241, 74.4034



Tritanopia

51.0771, 47.7518, 54.1019

Trichromacy



Original Color

55.5064, 47.8781, 75.4231

Protanomaly

50.4648, 47.7371, 79.9532

Deuteranomaly

51.3414, 48.0069, 74.9669

Tritanomaly

52.6184, 47.8213, 61.1007

Monochromacy



Original Color

55.5064, 47.8781, 75.4231

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.6197, 49.4069, 62.1269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5064, 47.8781, 75.4231 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(216, 168, 222)` looks like.

```
.text, #text, p{  
    color:rgb(216, 168, 222)  
}
```

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(216, 168, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 168, 222) }
```

Border

The CSS property to change the border of an element to XYZ 55.5064, 47.8781, 75.4231 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(216, 168, 222) }
```


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

```
.border{ border-color:rgb(216, 168, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 168, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 168, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 168, 222); box-shadow:4px 4px 4px 4px rgb(216, 168, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5064, 47.8781, 75.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 168, 222) }
```

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

```
.background{ background-color: rgb(216,  
168, 222) }
```

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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