

Converting Colors

XYZ(55.4405, 47.9204, 71.9732)

Have a look what the booklet for
XYZ(55.4405, 47.9204, 71.9732)
contains.

XYZ(55.4405, 47.9204, 71.9732)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.4405, 47.9204,
71.9732)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA8D9
RGB	218, 168, 217
RGB Percent	85%, 66%, 85%
CMY	0.1451, 0.3412, 0.1490
CMYK	0.00, 0.23, 0.00, 0.15
HSL	301°, 40%, 76%
HSV	301°, 23%, 85%
XYZ	55.4405, 47.9204, 71.9732
YIQ	188.5360, 14.0710, 25.8390

Conversions

Conversions Part 2

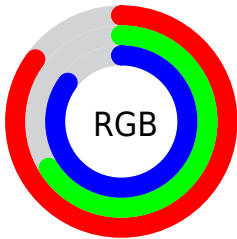
Format	Color
R _Y B	218, 168, 217
Decimal	14330073
CIE _{Lab}	74.77, 26.50, -17.71
CIE _{LCh}	75, 31.871, 326.237
Y _{xy}	47.9204, 0.3162, 0.2733
Android (android.graphics.Color)	4292520153 (0xFFDAA8D9)
Y _{UV}	188.5360, 14.0328, 25.8399
Hunter-Lab	69.2246, 21.8139, -13.1870

Details

The XYZ color **55.4405, 47.9204, 71.9732** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.3832, 61.3338, 46.8273**, and the grayscale version is **48.0230, 50.5240, 55.0206**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **27.7566, 22.6566, 37.0927** is the 20% darker color. If you saturate the color by 10%, you get **51.6922, 40.5137, 70.4447**, and if you desaturate by 10%, it is **59.8665, 56.6807, 73.7295**.

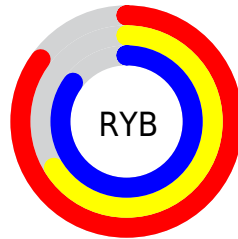
Distribution



Red (85%)

Green (66%)

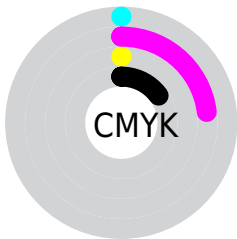
Blue (85%)



Red (85%)

Yellow (66%)

Blue (85%)

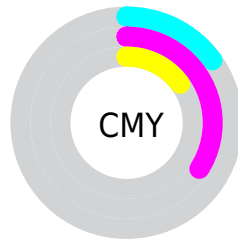


Cyan (0%)

Magenta (23%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (34%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4405, 47.9204, 71.9732 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 55.4405, 47.9204, 71.9732 by changing the saturation by 10% instead.


 55.4405, 47.9204,
71.9732


 55.4405, 47.9204,
71.9732


397.6889,
378.4765, 486.4233

 39.9897, 33.7639,
52.6501


 97.3306, 87.0859,
123.7258

 27.7147, 22.7122,
37.1377

 124.5007,
112.8636, 156.9923

 18.2501, 14.3812,
25.0175


156.3079,
143.2838, 195.7438

 11.2305, 8.3863,
15.8710

193.1177,
178.7310, 240.3987

 6.2905, 4.3431,
9.2795

235.2953,
219.5894, 291.3755

 3.0648, 1.8673,
4.8247

283.2061,

 1.1881, 0.5286,

266.2436, 349.0929

2.0878

337.2155,
319.0778, 413.9693

■ 0.0970, 0.0000,
0.6085

■ 0.0000, 0.0000,
0.0000

■ 55.4405, 47.9204,
71.9732

■ 55.4405, 47.9204,
71.9732

■ 51.6922, 40.5137,
70.4447

■ 59.8665, 56.6807,
73.7295

■ 48.5837, 34.3871,
69.1296

■ 64.9972, 66.8508,
75.7208

■ 46.0798, 29.4696,
68.0168

■ 70.8632, 78.4914,
77.9580

■ 44.1405, 25.6809,
67.0930

■ 77.4267, 91.5268,
80.4284

42.7207, 22.9310,
66.3430

77.4842, 91.5498,
80.7309

41.7685, 21.1162,
65.7497

77.5418, 91.5728,
81.0342

41.2214, 20.1112,
65.2921

77.5995, 91.5959,
81.3383

41.0054, 19.7423,
65.0261

77.6574, 91.6191,
81.6432

77.7155, 91.6423,
81.9488

Harmonies

Analogous

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



50.6466, 47.9204, 86.3095



55.4405, 47.9204, 71.9732



57.5801, 47.9204, 54.2975

Triad

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



55.4405, 47.9204, 71.9732



46.2814, 47.9204, 26.3955



36.2751, 47.9204, 67.5754

Complementary

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



55.4405, 47.9204, 71.9732



48.3832, 61.3338, 46.8273

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.



35.3191, 47.9204, 50.1128



55.4405, 47.9204, 71.9732



40.8016, 47.9204, 28.4899

Square

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



55.4405, 47.9204, 71.9732



52.0169, 47.9204, 29.9106



36.9065, 47.9204, 36.3910



39.6370, 47.9204, 83.4160

Rectangle

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



55.4405, 47.9204, 71.9732



57.0906, 47.9204, 43.7624



36.9065, 47.9204, 36.3910



35.6747, 47.9204, 61.6068

Sweetspot

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



55.4420, 47.9225, 71.9742



89.5602, 89.1123, 106.7866



42.9861, 41.4861, 72.0728



19.0734, 18.8832, 22.8195



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.



55.4420, 47.9225, 71.9742



76.1183, 62.5033, 101.4587



52.4507, 46.7260, 56.2225



13.6026, 13.2701, 16.4343



24.5712, 11.8295, 38.9836



1.5955, 0.7678, 2.5449

Inverse Universe

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



55.4420, 47.9225, 71.9742



76.1183, 62.5033, 101.4587



50.9405, 62.3567, 60.2939



13.6026, 13.2701, 16.4343



24.5712, 11.8295, 38.9836



1.5955, 0.7678, 2.5449

Previews

White Background



This preview shows how the XYZ color 55.4405, 47.9204, 71.9732 looks on a white background.

Color Contrast Check

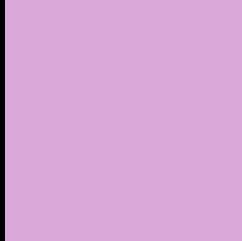
Large Text (above 18pt) WCAG AA × Fail

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 55.4405, 47.9204, 71.9732 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 55.4405, 47.9204, 71.9732

Background



This preview shows how black text looks on a background with the XYZ color 55.4405, 47.9204, 71.9732.



This preview shows how white text looks on a background with the XYZ color 55.4405, 47.9204,

71.9732.

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

55.4405, 47.9204, 71.9732

Protanopia

48.0486, 48.0006, 79.4057

Deuteranopia

49.3260, 48.2402, 71.0015



Tritanopia

51.6448, 47.7711, 53.5125

Trichromacy



Original Color

55.4405, 47.9204, 71.9732

Protanomaly

50.2766, 47.7191, 76.3729

Deuteranomaly

51.4732, 48.1506, 71.5468

Tritanomaly

52.7803, 47.6501, 59.8416

Monochromacy



Original Color

55.4405, 47.9204, 71.9732

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.6521, 49.4506, 60.9081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4405, 47.9204, 71.9732 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(218, 168, 217)` looks like.

```
.text, #text, p{  
    color:rgb(218, 168, 217)  
}
```

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(218, 168, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 168, 217) }
```

Border

The CSS property to change the border of an element to XYZ 55.4405, 47.9204, 71.9732 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(218, 168, 217) }
```


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

```
.border{ border-color:rgb(218, 168, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 168, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 168, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 168, 217); box-shadow:4px 4px 4px 4px rgb(218, 168, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4405, 47.9204, 71.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 168, 217) }
```

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

```
.background{ background-color: rgb(218,  
168, 217) }
```

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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