

Converting Colors

XYZ(55.5955, 49.7635, 71.2701)

Have a look what the booklet for
XYZ(55.5955, 49.7635, 71.2701)
contains.

XYZ(55.4261, 49.6255, 70.9474)	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(55.4261, 49.6255,
70.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AED7
RGB	215, 174, 215
RGB Percent	84%, 68%, 84%
CMY	0.1569, 0.3176, 0.1569
CMYK	0.00, 0.19, 0.00, 0.16
HSL	300°, 34%, 76%
HSV	300°, 19%, 84%
XYZ	55.4261, 49.6255, 70.9474
YIQ	190.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

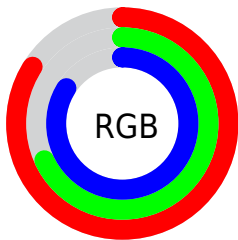
Format	Color
R _Y B	215, 174, 215
Decimal	14134999
CIE Lab	75.84, 21.87, -15.05
CIE LCh	76, 26.548, 325.476
Yxy	49.6255, 0.3149, 0.2820
Android (android.graphics.Color)	4292325079 (0xFFD7AED7)
YUV	190.9330, 11.8650, 21.1068
Hunter-Lab	70.4454, 17.1636, -10.4008

Details

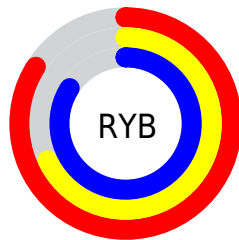
The XYZ color **55.4261, 49.6255, 70.9474** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.3979, 60.6569, 49.1515**, and the grayscale version is **49.4126, 51.9859, 56.6126**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **27.6797, 23.6864, 36.3708** is the 20% darker color. If you saturate the color by 10%, you get **51.6009, 41.9743, 69.6729**, and if you desaturate by 10%, it is **59.9191, 58.6106, 72.4457**.

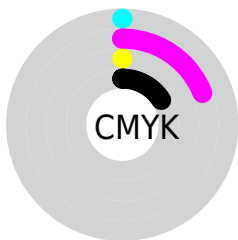
Distribution



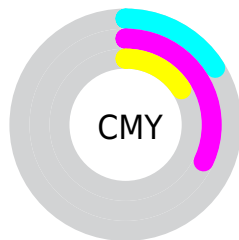
- Red (84%)
- Green (68%)
- Blue (84%)



- Red (84%)
- Yellow (68%)
- Blue (84%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4261, 49.6255, 70.9474 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 55.4261, 49.6255, 70.9474 by changing the saturation by 10% instead.

■ 55.4261, 49.6255,
70.9474

■ 55.4261, 49.6255,
70.9474

397.6353,
385.1996, 482.7482

■ 39.9782, 35.1159,
51.8177

■ 97.3097, 89.6198,
122.2526

■ 27.7057, 23.7522,
36.4786

124.4760,
115.8732, 155.2651

■ 18.2432, 15.1499,
24.5114

156.2792,
146.8101, 193.7424

■ 11.2255, 8.9247,
15.4977

193.0846,
182.8148, 238.1029

■ 6.2871, 4.6921,
9.0189

235.2575,
224.2717, 288.7652

■ 3.0628, 2.0677,
4.6566

283.1634,

■ 1.1870, 0.6464,

271.5652, 346.1479

1.9920

337.1675,
325.0797, 410.6693

■ 0.0961, 0.0000,
0.5504

■ 0.0000, 0.0000,
0.0000

■ 55.4261, 49.6255,
70.9474

■ 55.4261, 49.6255,
70.9474

■ 51.6009, 41.9743,
69.6729

■ 59.9191, 58.6106,
72.4457

■ 48.4075, 35.5875,
68.6083

■ 65.1048, 68.9820,
74.1743

■ 45.8132, 30.3989,
67.7435

■ 71.0125, 80.7974,
76.1436

■ 43.7806, 26.3338,
67.0660

■ 76.0506, 90.8736,
77.8230

42.2684, 23.3092,
66.5618

76.0506, 90.8736,
77.8230

41.2291, 21.2307,
66.2154

76.0506, 90.8736,
77.8231

40.6070, 19.9866,
66.0080

76.0506, 90.8736,
77.8231

40.3123, 19.3971,
65.9097

76.0506, 90.8736,
77.8232

40.2905, 19.3536,
65.9024

76.0507, 90.8736,
77.8232

Harmonies

Analogous

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



51.3683, 49.6255, 82.4707



55.4261, 49.6255, 70.9474



57.2745, 49.6255, 56.2062

Triad

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



55.4261, 49.6255, 70.9474



47.9201, 49.6255, 31.2162



39.1086, 49.6255, 66.5872

Complementary

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



55.4261, 49.6255, 70.9474



49.3979, 60.6569, 49.1515

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.



38.3256, 49.6255, 51.9180



55.4261, 49.6255, 70.9474



43.2023, 49.6255, 33.0243

Square

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



55.4261, 49.6255, 70.9474



52.7531, 49.6255, 34.5926



39.7730, 49.6255, 40.0475



41.9909, 49.6255, 79.6611

Rectangle

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



55.4261, 49.6255, 70.9474



56.9173, 49.6255, 47.1014



39.7730, 49.6255, 40.0475



38.6001, 49.6255, 61.6149

Sweetspot

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



55.4276, 49.6277, 70.9485



90.3618, 90.6237, 107.3372



44.8596, 44.1797, 70.4540



19.2369, 19.1886, 22.9398



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.



55.4276, 49.6277, 70.9485



79.1089, 68.1179, 103.5862



52.9559, 48.6390, 57.9329



12.9531, 12.6327, 15.6932



24.0983, 11.5756, 39.4171



1.4535, 0.6982, 2.3775

Inverse Universe

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



55.4276, 49.6277, 70.9485



79.1089, 68.1179, 103.5862



51.5517, 61.5184, 60.4929



12.9531, 12.6327, 15.6932



24.0983, 11.5756, 39.4171



1.4535, 0.6982, 2.3775

Previews

White Background



This preview shows how the XYZ color 55.4261, 49.6255, 70.9474 looks on a white background.

Color Contrast Check

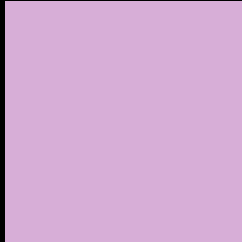
Large Text (above 18pt) WCAG AA × Fail

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 55.4261, 49.6255, 70.9474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

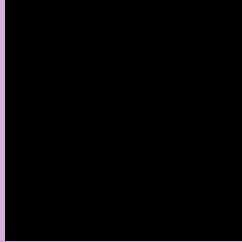
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4261, 49.6255, 70.9474

Background



This preview shows how black text looks on a background with the XYZ color 55.4261, 49.6255, 70.9474.



This preview shows how white text looks on a background with the XYZ color 55.4261, 49.6255,

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

55.4261, 49.6255, 70.9474

Protanopia

49.7006, 50.1488, 76.8722

Deuteranopia

50.7305, 49.5974, 69.8503



Tritanopia

52.5862, 49.6436, 56.6798

Trichromacy



Original Color

55.4261, 49.6255, 70.9474

Protanomaly

51.6385, 49.9607, 74.6319

Deuteranomaly

52.3451, 49.5127, 70.4164

Tritanomaly

53.5880, 49.7605, 61.4239

Monochromacy



Original Color

55.4261, 49.6255, 70.9474

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.5937, 51.1474, 61.7967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4261, 49.6255, 70.9474 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(215, 174, 215)` looks like.

```
.text, #text, p{  
    color:rgb(215, 174, 215)  
}
```

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(215, 174, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 174, 215) }
```

Border

The CSS property to change the border of an element to XYZ 55.4261, 49.6255, 70.9474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

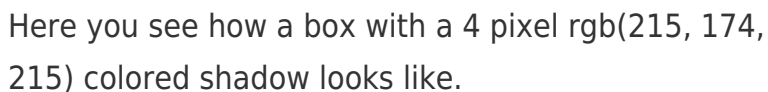
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 174, 215) }
```


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

```
.border{ border-color:rgb(215, 174, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 174, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 174, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 174, 215); box-shadow:4px 4px 4px 4px rgb(215, 174, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4261, 49.6255, 70.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 174, 215) }
```

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

```
.background{ background-color: rgb(215,  
174, 215) }
```

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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