

Converting Colors

XYZ(55.0948, 48.0757, 64.1871)

Have a look what the booklet for
XYZ(55.0948, 48.0757, 64.1871)
contains.

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Color

**XYZ(55.0262, 48.1559,
64.1524)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA9CD
RGB	221, 169, 205
RGB Percent	87%, 66%, 80%
CMY	0.1333, 0.3372, 0.1961
CMYK	0.00, 0.24, 0.07, 0.13
HSL	318°, 43%, 76%
HSV	318°, 24%, 87%
XYZ	55.0262, 48.1559, 64.1524
YIQ	188.6520, 19.4360, 22.2200

Conversions

Conversions Part 2

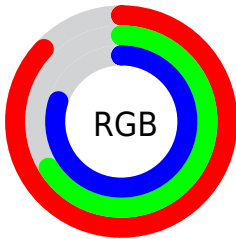
Format	Color
R _{YB}	221, 169, 205
Decimal	14526925
CIE Lab	74.92, 24.81, -10.90
CIE LCh	75, 27.102, 336.279
Yxy	48.1559, 0.3288, 0.2878
Android (android.graphics.Color)	4292717005 (0xFFDDA9CD)
YUV	188.6520, 8.0596, 28.3692
Hunter-Lab	69.3945, 20.1009, -6.2351

Details

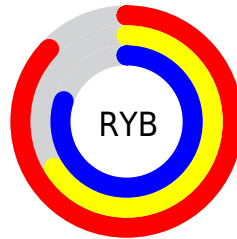
The XYZ color **55.0262, 48.1559, 64.1524** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.9776, 63.6521, 55.5011**, and the grayscale version is **48.1200, 50.6260, 55.1317**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **27.3484, 22.7245, 32.2230** is the 20% darker color. If you saturate the color by 10%, you get **50.4543, 40.2967, 58.6662**, and if you desaturate by 10%, it is **60.3315, 57.4234, 70.0602**.

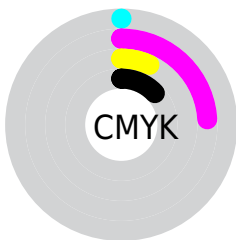
Distribution



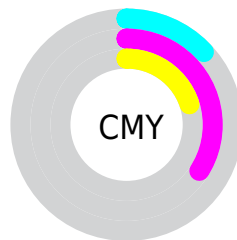
- Red (87%)
- Green (66%)
- Blue (80%)



- Red (87%)
- Yellow (66%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0262, 48.1559, 64.1524 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 55.0262, 48.1559, 64.1524 by changing the saturation by 10% instead.


 55.0262, 48.1559,
64.1524

 55.0262, 48.1559,
64.1524


396.1460,
379.4097, 457.9623

 39.6566, 33.9504,
46.3271


 96.7274, 87.4365,
112.4320

 27.4539, 22.8555,
32.1535


 123.7898,
113.2803, 143.7234

 18.0528, 14.4868,
21.2130

155.4805,
143.7724, 180.3405

 11.0878, 8.4600,
13.0870

192.1649,
179.2970, 222.7021

 6.1937, 4.3907,
7.3571

234.2082,
220.2387, 271.2265

 3.0050, 1.8944,
3.6046

281.9760,

 1.1564, 0.5450,

266.9818, 326.3323

1.4110

335.8335,
319.9107, 388.4381

■ 0.0715, 0.0000,
0.1503

■ 0.0000, 0.0000,
0.0000

■ 55.0262, 48.1559,
64.1524

■ 55.0262, 48.1559,
64.1524

■ 50.4543, 40.2967,
58.6662

■ 60.3315, 57.4234,
70.0602

■ 46.5761, 33.7695,
53.5846

■ 66.3989, 68.1578,
76.3998

■ 43.3548, 28.5001,
48.8935

■ 73.2606, 80.4224,
83.1844

■ 40.7479, 24.4049,
44.5765

■ 80.1735, 92.7301,
90.1686

■ 38.7082, 21.3898,
40.6156

■ 81.1597, 93.1245,
95.3617

■ 37.1810, 19.3462,
36.9901

■ 82.1837, 93.5341,
100.7539

■ 36.1000, 18.1425,
33.6754

■ 83.2459, 93.9590,
106.3474

■ 35.5685, 17.6721,
31.6713

■ 83.6291, 94.1123,
108.3655

Harmonies

Analogous

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



51.6225, 48.1559, 77.5543



55.0262, 48.1559, 64.1524



55.8732, 48.1559, 49.5153

Triad

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



55.0262, 48.1559, 64.1524



44.7401, 48.1559, 29.7810



38.5346, 48.1559, 70.2275

Complementary

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



55.0262, 48.1559, 64.1524



50.9776, 63.6521, 55.5011

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.



36.9659, 48.1559, 55.4643



55.0262, 48.1559, 64.1524



40.3788, 48.1559, 33.4239

Square

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



55.0262, 48.1559, 64.1524



49.6980, 48.1559, 31.2690



37.6161, 48.1559, 42.2366



42.0560, 48.1559, 81.4796

Rectangle

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



55.0262, 48.1559, 64.1524



54.8240, 48.1559, 41.2914



37.6161, 48.1559, 42.2366



37.7734, 48.1559, 65.4189

Sweetspot

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



55.0276, 48.1580, 64.1534



88.7458, 88.7865, 102.4980



47.1524, 43.8635, 74.3886



18.8843, 18.8075, 21.8237



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.



55.0276, 48.1580, 64.1534



73.0096, 61.2599, 85.0888



52.1857, 47.0213, 49.1881



13.4349, 13.2031, 15.5514



20.7149, 10.2870, 18.6764



1.3799, 0.6816, 1.4094

Inverse Universe

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



55.0276, 48.1580, 64.1534



73.0096, 61.2599, 85.0888



53.9281, 64.8322, 71.0382



13.4349, 13.2031, 15.5514



20.7149, 10.2870, 18.6764



1.3799, 0.6816, 1.4094

Previews

White Background



This preview shows how the XYZ color 55.0262, 48.1559, 64.1524 looks on a white background.

Color Contrast Check

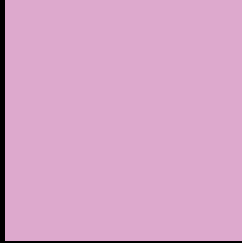
Large Text (above 18pt) WCAG AA × Fail

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 55.0262, 48.1559, 64.1524 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 55.0262, 48.1559, 64.1524

Background



This preview shows how black text looks on a background with the XYZ color 55.0262, 48.1559, 64.1524.



This preview shows how white text looks on a background with the XYZ color 55.0262, 48.1559,

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

55.0262, 48.1559, 64.1524

Protanopia

47.6615, 48.3057, 70.4302

Deuteranopia

49.3489, 48.4236, 63.2456



Tritanopia

52.5289, 47.9556, 52.9422

Trichromacy



Original Color

55.0262, 48.1559, 64.1524

Protanomaly

49.9264, 48.0133, 68.2641

Deuteranomaly

51.3263, 48.2477, 63.7343

Tritanomaly

53.4020, 48.0361, 56.9094

Monochromacy



Original Color

55.0262, 48.1559, 64.1524

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.6657, 49.8135, 58.5744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0262, 48.1559, 64.1524 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(221, 169, 205)` looks like.

```
.text, #text, p{  
    color:rgb(221, 169, 205)  
}
```

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(221, 169, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 169, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.0262, 48.1559, 64.1524 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(221, 169, 205) }
```


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

```
.border{ border-color:rgb(221, 169, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 169, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 169, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 169, 205);  
box-shadow:4px 4px 4px 4px rgb(221, 169,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0262, 48.1559, 64.1524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 169, 205) }
```

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

```
.background{ background-color: rgb(221,  
169, 205) }
```

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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