

Converting Colors

XYZ(50.0757, 41.8745, 60.8249)

Have a look what the booklet for
XYZ(50.0757, 41.8745, 60.8249)
contains.

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Color

**XYZ(49.9955, 41.9559,
60.7216)**

Conversions

Conversions Part 1

Format	Color
Hex	D69BC9
RGB	214, 155, 201
RGB Percent	84%, 61%, 79%
CMY	0.1608, 0.3921, 0.2118
CMYK	0.00, 0.28, 0.06, 0.16
HSL	313°, 42%, 72%
HSV	313°, 28%, 84%
XYZ	49.9955, 41.9559, 60.7216
YIQ	177.8850, 20.3980, 26.8140

Conversions

Conversions Part 2

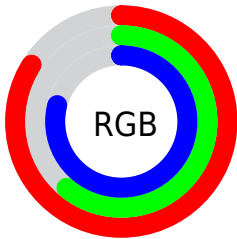
Format	Color
R _Y B	214, 155, 201
Decimal	14064585
CIE Lab	70.84, 29.30, -14.90
CIE LCh	71, 32.873, 333.050
Yxy	41.9559, 0.3275, 0.2748
Android (android.graphics.Color)	4292254665 (0xFFD69BC9)
YUV	177.8850, 11.3957, 31.6729
Hunter-Lab	64.7734, 24.4223, -10.2399

Details

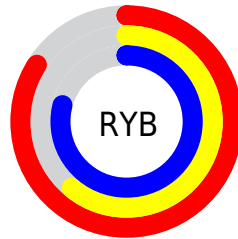
The XYZ color **49.9955, 41.9559, 60.7216** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.6337, 57.8900, 45.8697**, and the grayscale version is **42.1914, 44.3886, 48.3392**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **24.4148, 19.1780, 30.0187** is the 20% darker color. If you saturate the color by 10%, you get **46.1988, 35.2360, 56.7613**, and if you desaturate by 10%, it is **54.4429, 49.9486, 64.9838**.

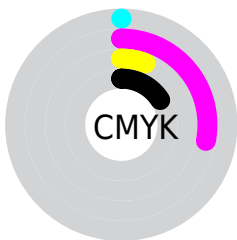
Distribution



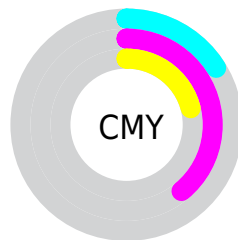
- Red (84%)
- Green (61%)
- Blue (79%)



- Red (84%)
- Yellow (61%)
- Blue (79%)



- Cyan (0%)
- Magenta (28%)
- Yellow (6%)
- Black (16%)




- Cyan (16%)
- Magenta (39%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9955, 41.9559, 60.7216 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 49.9955, 41.9559, 60.7216 by changing the saturation by 10% instead.


 49.9955, 41.9559,
60.7216


 49.9955, 41.9559,
60.7216


377.1006,
354.3001, 445.1308

 35.6276, 29.0668,
43.5714


 89.3601, 78.1329,
107.4293

 24.3155, 19.1313,
29.9990


 115.0875,
102.1895, 137.8240

 15.6938, 11.7652,
19.5858


145.3321,
130.7374, 173.4705

 9.3972, 6.5840,
11.9132

180.4592,
164.1610, 214.7875

 5.0604, 3.2033,
6.5628

220.8343,
202.8447, 262.1935

 2.3178, 1.2388,
3.1159

266.8227,

 0.8038, 0.0930,

247.1728, 316.1070

1.1541

318.7896,
297.5298, 376.9466

■ 0.0000, 0.0000,
0.0000

■ 49.9955, 41.9559,
60.7216

■ 49.9955, 41.9559,
60.7216

■ 46.1988, 35.2360,
56.7613

■ 54.4429, 49.9486,
64.9838

■ 43.0155, 29.7166,
53.0883

■ 59.5682, 59.2702,
69.5562

■ 40.4103, 25.3267,
49.6906

■ 65.4017, 69.9805,
74.4501

■ 38.3428, 21.9856,
46.5538

■ 71.9707, 82.1336,
79.6755

■ 36.7670, 19.6018,
43.6620

■ 77.0251, 91.2296,
84.4829

■ 35.6293, 18.0680,
40.9964

■ 77.6759, 91.4899,
87.9100

■ 34.8554, 17.2361,
38.5315

■ 78.3446, 91.7574,
91.4314

■ 34.6926, 17.0806,
37.9525

■ 79.0314, 92.0321,
95.0478

■ 79.7363, 92.3141,
98.7598

Harmonies

Analogous

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



45.8865, 41.9559, 75.8296



49.9955, 41.9559, 60.7216



51.3162, 41.9559, 44.1004

Triad

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



49.9955, 41.9559, 60.7216



39.3214, 41.9559, 21.7422



31.7038, 41.9559, 64.1361

Complementary

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



49.9955, 41.9559, 60.7216



44.6337, 57.8900, 45.8697

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.



30.2795, 41.9559, 47.3027



49.9955, 41.9559, 60.7216



34.4180, 41.9559, 24.8187

Square

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



49.9955, 41.9559, 60.7216



44.8314, 41.9559, 23.7679



31.2265, 41.9559, 33.3579



35.3032, 41.9559, 78.0963

Rectangle

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



49.9955, 41.9559, 60.7216



50.3476, 41.9559, 34.8855



31.2265, 41.9559, 33.3579



30.9705, 41.9559, 58.5057

Sweetspot

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



49.9968, 41.9578, 60.7225



88.1685, 87.3817, 103.0774



39.9632, 36.6010, 68.5774



18.6112, 18.2278, 21.8359



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.



49.9968, 41.9578, 60.7225



70.9814, 56.4119, 86.8530



46.8736, 40.7085, 44.2762



12.8304, 12.5837, 15.0473



21.0096, 10.3401, 23.1522



1.2968, 0.6355, 1.5524

Inverse Universe

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



49.9968, 41.9578, 60.7225



70.9814, 56.4119, 86.8530



47.6762, 59.1070, 61.8910



12.8304, 12.5837, 15.0473



21.0096, 10.3401, 23.1522



1.2968, 0.6355, 1.5524

Previews

White Background



This preview shows how the XYZ color 49.9955, 41.9559, 60.7216 looks on a white background.

Color Contrast Check

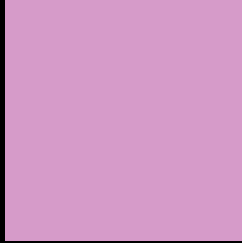
Large Text (above 18pt) WCAG AA × Fail

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 49.9955, 41.9559, 60.7216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

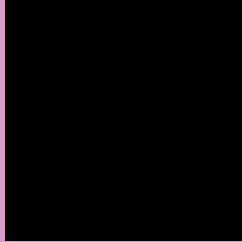
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.9955, 41.9559, 60.7216

Background



This preview shows how black text looks on a background with the XYZ color 49.9955, 41.9559, 60.7216.



This preview shows how white text looks on a background with the XYZ color 49.9955, 41.9559,

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

49.9955, 41.9559, 60.7216

Protanopia

41.9460, 42.1510, 68.2125

Deuteranopia

42.9714, 42.0369, 59.2752



Tritanopia

46.6920, 41.8604, 45.1541

Trichromacy



Original Color

49.9955, 41.9559, 60.7216

Protanomaly

44.3128, 41.7716, 65.4017

Deuteranomaly

45.3225, 41.8809, 59.7279

Tritanomaly

47.6381, 41.7215, 50.3420

Monochromacy



Original Color

49.9955, 41.9559, 60.7216

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

44.7235, 43.3710, 52.4686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9955, 41.9559, 60.7216 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(214, 155, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 155, 201)  
}
```

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(214, 155, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 155, 201) }
```

Border

The CSS property to change the border of an element to XYZ 49.9955, 41.9559, 60.7216 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(214, 155, 201) }
```


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

```
.border{ border-color:rgb(214, 155, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 155, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 155, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 155, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 155,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9955, 41.9559, 60.7216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 155, 201) }
```

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

```
.background{ background-color: rgb(214,  
155, 201) }
```

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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