

Converting Colors

XYZ(50.4265, 41.9398, 69.1306)

Have a look what the booklet for
XYZ(50.4265, 41.9398, 69.1306)
contains.

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Color

**XYZ(50.4373, 41.9994,
69.0667)**

Conversions

Conversions Part 1

Format	Color
Hex	D29BD6
RGB	210, 155, 214
RGB Percent	82%, 61%, 84%
CMY	0.1765, 0.3921, 0.1608
CMYK	0.02, 0.28, 0.00, 0.16
HSL	296°, 42%, 72%
HSV	296°, 28%, 84%
XYZ	50.4373, 41.9994, 69.0667
YIQ	178.1710, 13.8410, 30.0090

Conversions

Conversions Part 2

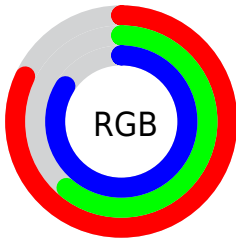
Format	Color
R _Y B	210, 155, 214
Decimal	13802454
CIE Lab	70.87, 30.36, -22.07
CIE LCh	71, 37.531, 323.988
Yxy	41.9994, 0.3123, 0.2601
Android (android.graphics.Color)	4291992534 (0xFFD29BD6)
YUV	178.1710, 17.6637, 27.9140
Hunter-Lab	64.8069, 25.5090, -17.8223

Details

The XYZ color **50.4373, 41.9994, 69.0667** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.2625, 57.8317, 39.8422**, and the grayscale version is **42.3129, 44.5164, 48.4784**.

A 20% lighter version of the original color is **82.3366, 74.5732, 104.6622**, and **24.6258, 19.1723, 35.2036** is the 20% darker color. If you saturate the color by 10%, you get **46.7758, 35.2861, 67.9645**, and if you desaturate by 10%, it is **54.7363, 49.9806, 70.3813**.

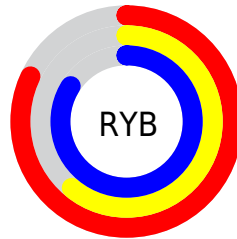
Distribution



Red (82%)

Green (61%)

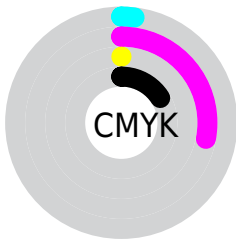
Blue (84%)



Red (82%)

Yellow (61%)

Blue (84%)

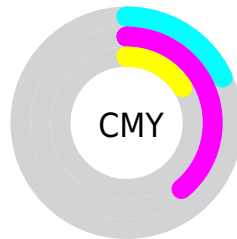


Cyan (2%)

Magenta (28%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (39%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.4373, 41.9994, 69.0667 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 50.4373, 41.9994, 69.0667 by changing the saturation by 10% instead.


 50.4373, 41.9994,
69.0667


 50.4373, 41.9994,
69.0667


378.7974,
354.4804, 475.9665

 35.9802, 29.1008,
50.2939

 90.0104, 78.1987,
119.5454

 24.5889, 19.1571,
35.2742


 115.8571,
102.2682, 152.0885

 15.8982, 11.7839,
23.5889

146.2311,
130.8302, 190.0587

 9.5425, 6.5967,
14.8196

181.4977,
164.2690, 233.8747

 5.1566, 3.2112,
8.5477

222.0223,
202.9690, 283.9549

 2.3752, 1.2429,
4.3546

268.1702,

 0.8327, 0.0964,

247.3147, 340.7179

1.8218

320.3068,
297.6904, 404.5823

■ 0.0000, 0.0000,
0.4423

■ 0.0000, 0.0000,
0.0000

■ 50.4373, 41.9994,
69.0667

■ 50.4373, 41.9994,
69.0667

■ 46.7758, 35.2861,
67.9645

■ 54.7363, 49.9806,
70.3813

■ 43.7146, 29.7684,
67.0608

■ 59.6997, 59.2858,
71.9157

■ 41.2184, 25.3755,
66.3445

■ 65.3577, 69.9746,
73.6807

■ 39.2471, 22.0267,
65.8020

■ 71.7374, 82.1014,
75.6851

37.7548, 19.6305,
65.4181

76.5889, 91.1659,
77.1791

36.6879, 18.0796,
65.1750

77.0228, 91.3896,
77.1994

35.9726, 17.2262,
65.0480

77.4604, 91.6152,
77.2199

35.8220, 17.0648,
65.0248

77.9018, 91.8428,
77.2405

78.3471, 92.0723,
77.2614

Harmonies

Analogous

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



45.0007, 41.9994, 84.8777



50.4373, 41.9994, 69.0667



53.0862, 41.9994, 49.4261

Triad

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



50.4373, 41.9994, 69.0667



41.1896, 41.9994, 19.3540



29.9260, 41.9994, 61.1783

Complementary

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



50.4373, 41.9994, 69.0667



44.2625, 57.8317, 39.8422

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.



29.1320, 41.9994, 42.2233



50.4373, 41.9994, 69.0667



35.2353, 41.9994, 20.9638

Square

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



50.4373, 41.9994, 69.0667



47.4008, 41.9994, 23.1782



30.9755, 41.9994, 28.3495



33.2693, 41.9994, 79.5551

Rectangle

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



50.4373, 41.9994, 69.0667



52.7364, 41.9994, 37.9137



30.9755, 41.9994, 28.3495



29.3677, 41.9994, 54.5533

Sweetspot

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



50.4386, 42.0012, 69.0676



88.3770, 87.4065, 106.8209



38.2133, 36.9384, 68.7347



18.6639, 18.2340, 22.7858



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.



50.4386, 42.0012, 69.0676



71.7569, 56.4832, 101.7281



48.6849, 41.4329, 53.8144



12.8661, 12.5879, 15.6891



21.6876, 10.3329, 39.3045



1.3336, 0.6364, 2.3719

Inverse Universe

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



45.7124, 40.2439, 38.1614



63.6661, 53.4858, 48.3309



45.7614, 58.3411, 51.8086



12.4571, 12.4343, 13.0812



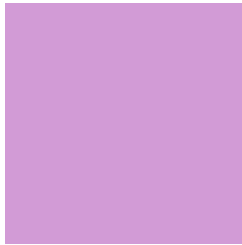
16.8258, 8.6666, 1.1206



1.0271, 0.5276, 0.1321

Previews

White Background



This preview shows how the XYZ color 50.4373, 41.9994, 69.0667 looks on a white background.

Color Contrast Check

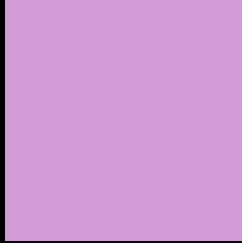
Large Text (above 18pt) WCAG AA × Fail

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 50.4373, 41.9994, 69.0667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

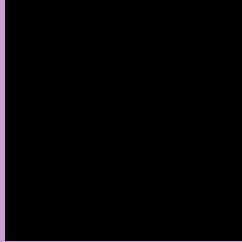
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4373, 41.9994, 69.0667

Background



This preview shows how black text looks on a background with the XYZ color 50.4373, 41.9994, 69.0667.



This preview shows how white text looks on a background with the XYZ color 50.4373, 41.9994,

69.0667.

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

50.4373, 41.9994, 69.0667

Protanopia

42.7781, 42.3670, 77.8745

Deuteranopia

43.1459, 42.2233, 67.5039



Tritanopia

45.8350, 41.9149, 46.2321

Trichromacy



Original Color

50.4373, 41.9994, 69.0667

Protanomaly

45.1811, 42.0113, 74.8349

Deuteranomaly

45.5885, 42.1028, 68.0112

Tritanomaly

47.3156, 41.7358, 53.7061

Monochromacy



Original Color

50.4373, 41.9994, 69.0667

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.0139, 43.4582, 55.3060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4373, 41.9994, 69.0667 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(210, 155, 214)` looks like.

```
.text, #text, p{  
    color:rgb(210, 155, 214)  
}
```

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(210, 155, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 155, 214) }
```

Border

The CSS property to change the border of an element to XYZ 50.4373, 41.9994, 69.0667 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(210, 155, 214) }
```


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

```
.border{ border-color:rgb(210, 155, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 155, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 155, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 155, 214);  
box-shadow:4px 4px 4px 4px rgb(210, 155,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4373, 41.9994, 69.0667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 155, 214) }
```

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

```
.background{ background-color: rgb(210,  
155, 214) }
```

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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