

Converting Colors

XYZ(50.7070, 40.0645, 64.2617)

Have a look what the booklet for
XYZ(50.7070, 40.0645, 64.2617)
contains.

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Color

**XYZ(50.7548, 40.1228,
64.1009)**

Conversions

Conversions Part 1

Format	Color
Hex	DB92CF
RGB	219, 146, 207
RGB Percent	86%, 57%, 81%
CMY	0.1412, 0.4274, 0.1882
CMYK	0.00, 0.33, 0.05, 0.14
HSL	310°, 50%, 72%
HSV	310°, 33%, 86%
XYZ	50.7548, 40.1228, 64.1009
YIQ	174.7810, 23.9270, 34.4470

Conversions

Conversions Part 2

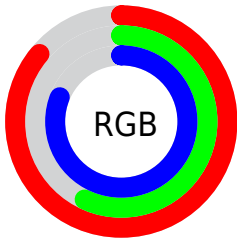
Format	Color
R _Y B	219, 146, 207
Decimal	14389967
CIE Lab	69.56, 36.87, -20.11
CIE LCh	70, 41.996, 331.389
Yxy	40.1228, 0.3275, 0.2589
Android (android.graphics.Color)	4292580047 (0xFFDB92CF)
YUV	174.7810, 15.8840, 38.7801
Hunter-Lab	63.3426, 32.1781, -15.6600

Details

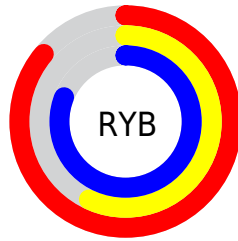
The XYZ color **50.7548, 40.1228, 64.1009** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.3588, 59.2440, 41.5001**, and the grayscale version is **40.5473, 42.6589, 46.4556**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **24.8567, 18.0918, 32.3190** is the 20% darker color. If you saturate the color by 10%, you get **47.2619, 33.8328, 60.7899**, and if you desaturate by 10%, it is **54.9068, 47.7137, 67.6820**.

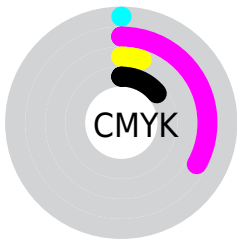
Distribution



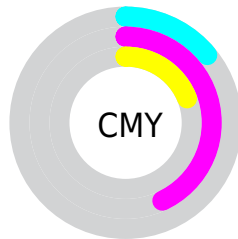
- Red (86%)
- Green (57%)
- Blue (81%)



- Red (86%)
- Yellow (57%)
- Blue (81%)



- Cyan (0%)
- Magenta (33%)
- Yellow (5%)
- Black (14%)





- Cyan (14%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7548, 40.1228, 64.1009 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 50.7548, 40.1228, 64.1009 by changing the saturation by 10% instead.


 50.7548, 40.1228,
64.1009


 50.7548, 40.1228,
64.1009


380.0138,
346.6409, 457.7714

 36.2338, 27.6343,
46.2857


 90.4774, 75.3505,
112.3571

 24.7857, 18.0502,
32.1210


 116.4096, 98.8584,
143.6352

 16.0454, 10.9860,
21.1884


146.8763,
126.8083, 180.2380

 9.6473, 6.0574,
13.0692

182.2428,
159.5846, 222.5840

 5.2262, 2.8800,
7.3449

222.8744,
197.5716, 271.0918

 2.4167, 1.0694,
3.5970

269.1365,

 0.8534, 0.0000,

241.1537, 326.1799

1.4070

321.3945,
290.7153, 388.2670

■ 0.0000, 0.0000,
0.1472

■ 0.0000, 0.0000,
0.0000

■ 50.7548, 40.1228,
64.1009

■ 50.7548, 40.1228,
64.1009

■ 47.2619, 33.8328,
60.7899

■ 54.9068, 47.7137,
67.6820

■ 44.3873, 28.7641,
57.7338

■ 59.7485, 56.6682,
71.5423

■ 42.0914, 24.8369,
54.9195

■ 65.3127, 67.0516,
75.6937

■ 40.3284, 21.9597,
52.3313

■ 71.6292, 78.9234,
80.1464

■ 39.0453, 20.0269,
49.9514

■ 78.5648, 92.0167,
84.8561

■ 38.1782, 18.9105,
47.7579

■ 79.0613, 92.2153,
87.4707

■ 37.7609, 18.4791,
46.3753

■ 79.5682, 92.4180,
90.1401

■ 80.0856, 92.6250,
92.8647

■ 80.6135, 92.8362,
95.6449

Harmonies

Analogous

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



45.3319, 40.1228, 83.9071



50.7548, 40.1228, 64.1009



52.6993, 40.1228, 42.7884

Triad

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



50.7548, 40.1228, 64.1009



37.8205, 40.1228, 15.9945



28.0599, 40.1228, 66.1456

Complementary

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



50.7548, 40.1228, 64.1009



43.3588, 59.2440, 41.5001

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.



26.5373, 40.1228, 44.5979



50.7548, 40.1228, 64.1009



31.7441, 40.1228, 18.9489

Square

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



50.7548, 40.1228, 64.1009



44.7207, 40.1228, 18.4352



27.8032, 40.1228, 28.1446



32.2308, 40.1228, 85.3128

Rectangle

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



50.7548, 40.1228, 64.1009



51.5985, 40.1228, 31.4428



27.8032, 40.1228, 28.1446



27.2452, 40.1228, 58.7569

Sweetspot

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



50.7560, 40.1246, 64.1017



86.7802, 84.5286, 102.8499



36.9617, 32.8373, 71.4089



18.3440, 17.6633, 21.8394



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.



50.7560, 40.1246, 64.1017



68.0979, 50.2291, 87.1734



46.8970, 38.5810, 43.7805



13.5177, 13.2362, 15.9872



22.4248, 10.9710, 27.6807



1.4778, 0.7208, 1.9251

Inverse Universe

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



50.7560, 40.1246, 64.1017



68.0979, 50.2291, 87.1734



46.8630, 60.6456, 59.9530



13.5177, 13.2362, 15.9872



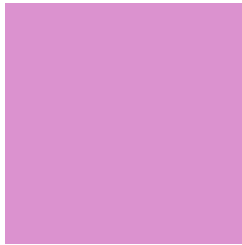
22.4248, 10.9710, 27.6807



1.4778, 0.7208, 1.9251

Previews

White Background



This preview shows how the XYZ color 50.7548, 40.1228, 64.1009 looks on a white background.

Color Contrast Check

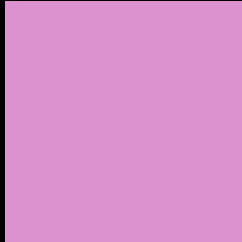
Large Text (above 18pt) WCAG AA × Fail

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 50.7548, 40.1228, 64.1009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

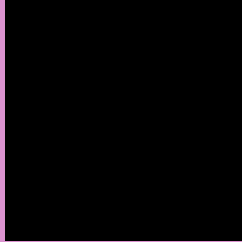
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.7548, 40.1228, 64.1009

Background



This preview shows how black text looks on a background with the XYZ color 50.7548, 40.1228, 64.1009.



This preview shows how white text looks on a background with the XYZ color 50.7548, 40.1228,

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

50.7548, 40.1228, 64.1009

Protanopia

41.0322, 40.4009, 75.4476

Deuteranopia

41.2103, 40.2422, 62.0954



Tritanopia

46.1701, 40.1605, 41.3947

Trichromacy



Original Color

50.7548, 40.1228, 64.1009



Protanomaly

43.6856, 39.7351, 71.0128



Deuteranomaly

44.0363, 39.8473, 62.4971



Tritanomaly

47.7260, 40.0683, 48.9346

Monochromacy



Original Color

50.7548, 40.1228, 64.1009



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.7310, 41.2151, 52.6642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7548, 40.1228, 64.1009 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(219, 146, 207)` looks like.

```
.text, #text, p{  
    color:rgb(219, 146, 207)  
}
```

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(219, 146, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 146, 207) }
```

Border

The CSS property to change the border of an element to XYZ 50.7548, 40.1228, 64.1009 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(219, 146, 207) }
```


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

```
.border{ border-color:rgb(219, 146, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 146, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 146, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 146, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 146,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7548, 40.1228, 64.1009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 146, 207) }
```

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

```
.background{ background-color: rgb(219,  
146, 207) }
```

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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