

Converting Colors

XYZ(50.3570, 39.8430, 72.9445)

Have a look what the booklet for
XYZ(50.3570, 39.8430, 72.9445)
contains.

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Color

**XYZ(50.5034, 40.0318,
72.7752)**

Conversions

Conversions Part 1

Format	Color
Hex	D493DC
RGB	212, 147, 220
RGB Percent	83%, 58%, 86%
CMY	0.1686, 0.4235, 0.1373
CMYK	0.04, 0.33, 0.00, 0.14
HSL	293°, 51%, 72%
HSV	293°, 33%, 86%
XYZ	50.5034, 40.0318, 72.7752
YIQ	174.7570, 15.3070, 36.4830

Conversions

Conversions Part 2

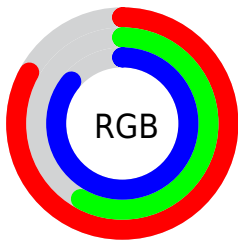
Format	Color
R_{YB}	212, 147, 220
Decimal	13931484
CIE _{Lab}	69.49, 36.48, -27.47
CIE _{LCh}	69, 45.661, 323.022
Yxy	40.0318, 0.3092, 0.2451
Android (android.graphics.Color)	4292121564 (0xFFD493DC)
YUV	174.7570, 22.3048, 32.6621
Hunter-Lab	63.2707, 31.7571, -23.9071

Details

The XYZ color **50.5034, 40.0318, 72.7752** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **44.3785, 60.2625, 36.8985**, and the grayscale version is **40.5060, 42.6155, 46.4083**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **24.5940, 17.9690, 37.7694** is the 20% darker color. If you saturate the color by 10%, you get **46.7146, 33.4774, 71.7104**, and if you desaturate by 10%, it is **54.9593, 47.9033, 74.0603**.

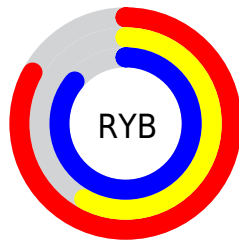
Distribution



Red (83%)

Green (58%)

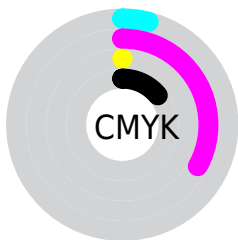
Blue (86%)



Red (83%)

Yellow (58%)

Blue (86%)

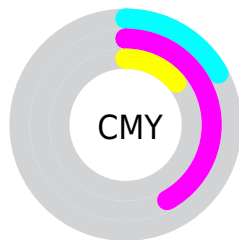


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (14%)



Cyan (17%)


Magenta (42%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5034, 40.0318, 72.7752 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 50.5034, 40.0318, 72.7752 by changing the saturation by 10% instead.


 50.5034, 40.0318,
72.7752


 50.5034, 40.0318,
72.7752

379.0508,
346.2576, 489.2852

 36.0330, 27.5633,
53.3015

 90.1077, 75.2119,
124.8760

 24.6299, 17.9968,
37.6541


 115.9722, 98.6924,
158.3401

 15.9288, 10.9477,
25.4146


146.3655,
126.6123, 197.3048

 9.5643, 6.0316,
16.1644

181.6529,
159.3561, 242.1885

 5.1711, 2.8643,
9.4849

222.1998,
197.3081, 293.4099

 2.3838, 1.0613,
4.9577

268.3715,

 0.8370, 0.0000,

240.8528, 351.3875

2.1642

320.5334,
290.3745, 416.5397

■ 0.0000, 0.0000,
0.6536

■ 0.0000, 0.0000,
0.0000

■ 50.5034, 40.0318,
72.7752

■ 50.5034, 40.0318,
72.7752

■ 46.7146, 33.4774,
71.7104

■ 54.9593, 47.9033,
74.0603

■ 43.5516, 28.1601,
70.8507

■ 60.1130, 57.1557,
75.5746

■ 40.9744, 23.9992,
70.1834

■ 65.9978, 67.8547,
77.3295

■ 38.9368, 20.9024,
69.6931

■ 72.6437, 80.0604,
79.3352

37.3855, 18.7629,
69.3619

79.4361, 92.5436,
81.3867

36.2561, 17.4521,
69.1684

80.1889, 92.9316,
81.4219

35.6554, 16.8887,
69.0913

80.9524, 93.3252,
81.4576

81.7265, 93.7243,
81.4939

82.5113, 94.1289,
81.5306

Harmonies

Analogous

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



43.8528, 40.0318, 92.5075



50.5034, 40.0318, 72.7752



53.8856, 40.0318, 48.6966

Triad

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



50.5034, 40.0318, 72.7752



39.7934, 40.0318, 14.4766



26.4597, 40.0318, 61.4260

Complementary

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



50.5034, 40.0318, 72.7752



44.3785, 60.2625, 36.8985

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.



25.6658, 40.0318, 38.8495



50.5034, 40.0318, 72.7752



32.7813, 40.0318, 15.9257

Square

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



50.5034, 40.0318, 72.7752



47.2066, 40.0318, 18.5756



27.8316, 40.0318, 23.4805



30.1597, 40.0318, 84.6158

Rectangle

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



50.5034, 40.0318, 72.7752



53.5597, 40.0318, 35.0830



27.8316, 40.0318, 23.4805



25.8655, 40.0318, 53.3668

Sweetspot

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



50.5047, 40.0335, 72.7761



86.4273, 84.2696, 106.3182



36.7600, 34.9873, 72.5265



18.2579, 17.6001, 22.6848



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.



50.5047, 40.0335, 72.7761



66.6880, 49.2039, 100.5902



49.4664, 39.8913, 54.9728



13.4665, 13.1986, 16.4900



20.9840, 9.9418, 40.5514



1.4005, 0.6652, 2.6290

Inverse Universe

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



45.8666, 38.4513, 36.0164



59.3481, 46.7292, 41.0976



45.3634, 60.4849, 49.8343



13.1138, 13.0746, 13.8603



17.4397, 8.9769, 1.4297



1.1498, 0.5895, 0.1976

Previews

White Background



This preview shows how the XYZ color 50.5034, 40.0318, 72.7752 looks on a white background.

Color Contrast Check

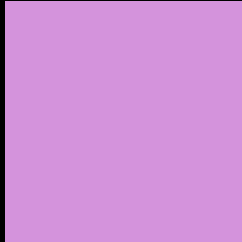
Large Text (above 18pt) WCAG AA × Fail

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 50.5034, 40.0318, 72.7752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

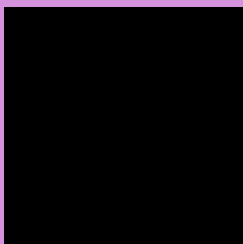
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5034, 40.0318, 72.7752

Background



This preview shows how black text looks on a background with the XYZ color 50.5034, 40.0318, 72.7752.



This preview shows how white text looks on a background with the XYZ color 50.5034, 40.0318,

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

50.5034, 40.0318, 72.7752

Protanopia

41.7206, 40.5454, 84.9840

Deuteranopia

41.1137, 40.2767, 70.5730



Tritanopia

44.3952, 39.9577, 42.9088

Trichromacy



Original Color

50.5034, 40.0318, 72.7752



Protanomaly

44.0873, 39.7390, 80.2097



Deuteranomaly

43.9176, 39.8547, 71.0237



Tritanomaly

46.4808, 39.8232, 52.8138

Monochromacy



Original Color

50.5034, 40.0318, 72.7752



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.5981, 41.3632, 54.9762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5034, 40.0318, 72.7752 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(212, 147, 220)` looks like.

```
.text, #text, p{  
    color:rgb(212, 147, 220)  
}
```

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(212, 147, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 147, 220) }
```

Border

The CSS property to change the border of an element to XYZ 50.5034, 40.0318, 72.7752 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(212, 147, 220) }
```


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

```
.border{ border-color:rgb(212, 147, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 147, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 147, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 147, 220);  
box-shadow:4px 4px 4px 4px rgb(212, 147,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5034, 40.0318, 72.7752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 147, 220) }
```

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

```
.background{ background-color: rgb(212,  
147, 220) }
```

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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