

Converting Colors

XYZ(49.2536, 38.8592, 53.1033)

Have a look what the booklet for
XYZ(49.2536, 38.8592, 53.1033)
contains.

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Color

**XYZ(49.1320, 38.8486,
53.0531)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8FBD
RGB	222, 143, 189
RGB Percent	87%, 56%, 74%
CMY	0.1294, 0.4392, 0.2588
CMYK	0.00, 0.36, 0.15, 0.13
HSL	325°, 54%, 72%
HSV	325°, 36%, 87%
XYZ	49.1320, 38.8486, 53.0531
YIQ	171.8650, 32.3180, 31.0540

Conversions

Conversions Part 2

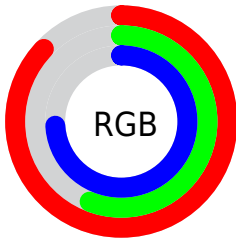
Format	Color
R _Y B	222, 143, 189
Decimal	14585789
CIE Lab	68.64, 36.44, -11.45
CIE LCh	69, 38.199, 342.565
Yxy	38.8486, 0.3484, 0.2755
Android (android.graphics.Color)	4292775869 (0xFFDE8FBD)
YUV	171.8650, 8.4476, 43.9684
Hunter-Lab	62.3286, 31.6316, -6.8366

Details

The XYZ color **49.1320, 38.8486, 53.0531** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.2871, 61.2180, 50.5064**, and the grayscale version is **39.0926, 41.1285, 44.7889**.

A 20% lighter version of the original color is **77.9155, 68.2407, 95.4514**, and **23.7021, 17.2591, 25.3747** is the 20% darker color. If you saturate the color by 10%, you get **45.1486, 32.4413, 46.9165**, and if you desaturate by 10%, it is **53.8415, 46.6041, 59.7502**.

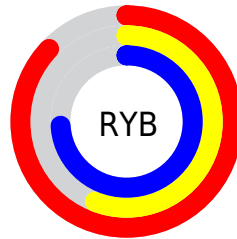
Distribution



Red (87%)

Green (56%)

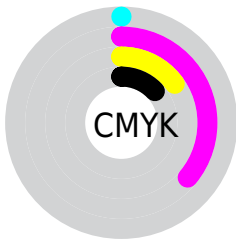
Blue (74%)



Red (87%)

Yellow (56%)

Blue (74%)

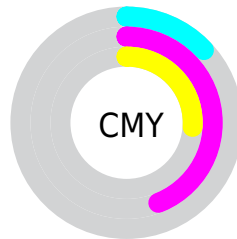


Cyan (0%)

Magenta (36%)

Yellow (15%)

Black (13%)



Cyan (13%)


Magenta (44%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1320, 38.8486, 53.0531 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 49.1320, 38.8486, 53.0531 by changing the saturation by 10% instead.


 49.1320, 38.8486,
53.0531

 49.1320, 38.8486,
53.0531


373.7701,
341.2464, 415.5609

 34.9392, 26.6420,
37.4571


 88.0870, 73.4070,
96.1248

 23.7823, 17.3045,
25.2631

 113.5799, 96.5275,
124.4377

 15.2961, 10.4518,
16.0524


143.5702,
124.0548, 157.8266

 9.1151, 5.6996,
9.4065

178.4232,
156.3732, 196.7101

 4.8741, 2.6633,
4.9068

218.5044,
193.8672, 241.5068

 2.2075, 0.9586,
2.1349

264.1790,

 0.7467, 0.0000,

236.9211, 292.6351

0.6364

315.8125,
285.9194, 350.5136

■ 0.0000, 0.0000,
0.0000

■ 49.1320, 38.8486,
53.0531

■ 49.1320, 38.8486,
53.0531

■ 45.1486, 32.4413,
46.9165

■ 53.8415, 46.6041,
59.7502

■ 41.8476, 27.2982,
41.3187

■ 59.3107, 55.7745,
67.0235

■ 39.1858, 23.3341,
36.2396


■ 65.5752, 66.4289,
74.8908

■ 37.1129, 20.4511,
31.6563


■ 72.6672, 78.6299,
83.3683


■ 35.5712, 18.5350,
27.5431

■ 80.6172, 92.4366,
92.4715

 34.4893, 17.4459,
23.8694

 82.3117, 93.6206,
99.8345

 34.1043, 17.1217,
22.3673

 83.7609, 94.2003,
107.4656

 83.9345, 94.2698,
108.3798

Harmonies

Analogous

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



45.3385, 38.8486, 71.7835



49.1320, 38.8486, 53.0531



49.4413, 38.8486, 35.4771

Triad

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



49.1320, 38.8486, 53.0531



34.4583, 38.8486, 17.4562



29.0240, 38.8486, 68.9811

Complementary

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



49.1320, 38.8486, 53.0531



45.2871, 61.2180, 50.5064

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.



26.7214, 38.8486, 49.9449



49.1320, 38.8486, 53.0531



29.6216, 38.8486, 22.2484

Square

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



49.1320, 38.8486, 53.0531



40.5097, 38.8486, 17.8643



26.9276, 38.8486, 33.1071



33.5572, 38.8486, 82.5629

Rectangle

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



49.1320, 38.8486, 53.0531



47.5872, 38.8486, 26.8213



26.9276, 38.8486, 33.1071



27.9868, 38.8486, 62.8158

Sweetspot

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



49.1332, 38.8504, 53.0539



84.9157, 82.6590, 96.4969



40.8946, 34.1413, 73.5425



17.9285, 17.2731, 20.3422



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.



49.1332, 38.8504, 53.0539



62.9517, 46.2310, 66.0533



45.4197, 37.3650, 33.4989



14.0402, 13.8337, 15.9820



20.3137, 10.1925, 13.5838



1.4524, 0.7242, 1.1751

Inverse Universe

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



49.1332, 38.8504, 53.0539



62.9517, 46.2310, 66.0533



49.7697, 63.0110, 74.1112



14.0402, 13.8337, 15.9820



20.3137, 10.1925, 13.5838



1.4524, 0.7242, 1.1751

Previews

White Background



This preview shows how the XYZ color 49.1320, 38.8486, 53.0531 looks on a white background.

Color Contrast Check

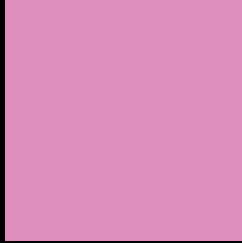
Large Text (above 18pt) WCAG AA × Fail

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 49.1320, 38.8486, 53.0531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

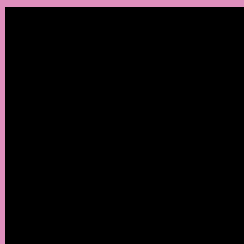
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1320, 38.8486, 53.0531

Background



This preview shows how black text looks on a background with the XYZ color 49.1320, 38.8486, 53.0531.



This preview shows how white text looks on a background with the XYZ color 49.1320, 38.8486,

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

49.1320, 38.8486, 53.0531

Protanopia

38.8334, 39.0030, 62.6083

Deuteranopia

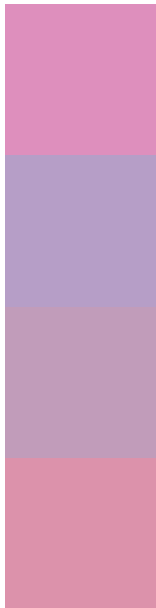
39.7586, 38.9273, 51.3171



Tritanopia

46.1485, 38.7779, 38.3103

Trichromacy



Original Color

49.1320, 38.8486, 53.0531

Protanomaly

41.8271, 38.5223, 59.2639

Deuteranomaly

42.7437, 38.6596, 51.6636

Tritanomaly

47.1448, 38.7137, 43.5158

Monochromacy



Original Color

49.1320, 38.8486, 53.0531

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.0160, 39.6512, 47.5585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1320, 38.8486, 53.0531 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(222, 143, 189)` looks like.

```
.text, #text, p{  
    color:rgb(222, 143, 189)  
}
```

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(222, 143, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 143, 189) }
```

Border

The CSS property to change the border of an element to XYZ 49.1320, 38.8486, 53.0531 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(222, 143, 189) }
```


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

```
.border{ border-color:rgb(222, 143, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 143, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 143, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 143, 189);  
box-shadow:4px 4px 4px 4px rgb(222, 143,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1320, 38.8486, 53.0531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 143, 189) }
```

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

```
.background{ background-color: rgb(222,  
143, 189) }
```

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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