

Converting Colors

XYZ(50.1275, 43.6089, 46.3328)

Have a look what the booklet for
XYZ(50.1275, 43.6089, 46.3328)
contains.

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Color

**XYZ(50.1275, 43.6089,
46.3328)**

Conversions

Conversions Part 1

Format	Color
Hex	DDA0AF
RGB	221, 160, 175
RGB Percent	87%, 63%, 69%
CMY	0.1333, 0.3725, 0.3137
CMYK	0.00, 0.28, 0.21, 0.13
HSL	345°, 47%, 75%
HSV	345°, 28%, 87%
XYZ	50.1275, 43.6089, 46.3328
YIQ	179.9490, 31.5410, 17.5970

Conversions

Conversions Part 2

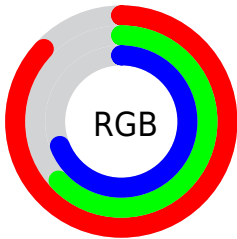
Format	Color
R _Y B	221, 160, 175
Decimal	14524591
CIE Lab	71.97, 24.80, 1.23
CIE LCh	72, 24.836, 2.849
Yxy	43.6089, 0.3579, 0.3113
Android (android.graphics.Color)	4292714671 (0xFFDDA0AF)
YUV	179.9490, -2.4399, 36.0017
Hunter-Lab	66.0370, 19.9313, 4.6270

Details

The XYZ color **50.1275, 43.6089, 46.3328** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.4961, 63.6439, 67.9660**, and the grayscale version is **43.3569, 45.6148, 49.6746**.

A 20% lighter version of the original color is **79.8234, 75.5740, 85.2430**, and **24.4548, 20.1545, 21.3402** is the 20% darker color. If you saturate the color by 10%, you get **45.0943, 36.0022, 37.0712**, and if you desaturate by 10%, it is **56.0462, 52.6624, 56.8873**.

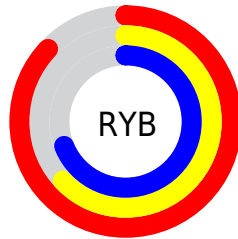
Distribution



Red (87%)

Green (63%)

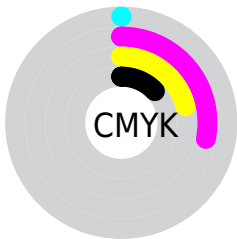
Blue (69%)



Red (87%)

Yellow (63%)

Blue (69%)

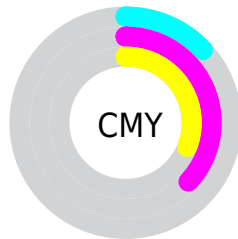


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (13%)



Cyan (13%)


Magenta (37%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1275, 43.6089, 46.3328 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 50.1275, 43.6089, 46.3328 by changing the saturation by 10% instead.


 50.1275, 43.6089,
46.3328


 50.1275, 43.6089,
46.3328


377.6081,
361.1099, 388.4614

 35.7329, 30.3632,
32.1580


 89.5544, 80.6289,
86.0564

 24.3972, 20.1144,
21.2164


 115.3175,
105.1720, 112.4422

 15.7548, 12.4782,
13.0895


145.6008,
134.2496, 143.7354

 9.4406, 7.0703,
7.3587

180.7697,
168.2462, 180.3545

 5.0890, 3.5061,
3.6056

221.1895,
207.5461, 222.7182

 2.3349, 1.4013,
1.4116

267.2256,

 0.8124, 0.2177,

252.5338, 271.2448

0.1507

319.2434,
303.5936, 326.3531

■ 0.0000, 0.0000,
0.0000

■ 50.1275, 43.6089,
46.3328

■ 50.1275, 43.6089,
46.3328

■ 45.0943, 36.0022,
37.0712

■ 56.0462, 52.6624,
56.8873

■ 40.8995, 29.7612,
29.0494

■ 62.8871, 63.2263,
68.7800

■ 37.4973, 24.8060,
22.2140

■ 70.6893, 75.3676,
82.0568

■ 34.8355, 21.0459,
16.5070

■ 79.4885, 89.1476,
96.7610

■ 32.8558, 18.3783,
11.8648

■ 83.6290, 94.1123,
108.3655

■ 31.4903, 16.6828,
8.2171

■ 30.6488, 15.7963,
5.4813

■ 30.4927, 15.6417,
4.9432

Harmonies

Analogous

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



49.1269, 43.6089, 58.9426



50.1275, 43.6089, 46.3328



48.6749, 43.6089, 35.9206

Triad

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



50.1275, 43.6089, 46.3328



37.1861, 43.6089, 30.4585



37.8421, 43.6089, 71.4096

Complementary

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



50.1275, 43.6089, 46.3328



51.4961, 63.6439, 67.9660

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.



34.9761, 43.6089, 61.2925



50.1275, 43.6089, 46.3328



34.6158, 43.6089, 37.6136

Square

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



50.1275, 43.6089, 46.3328



41.0455, 43.6089, 27.7879



33.8348, 43.6089, 48.6514



41.8551, 43.6089, 74.7981

Rectangle

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



50.1275, 43.6089, 46.3328



46.5649, 43.6089, 31.2117



33.8348, 43.6089, 48.6514



36.7221, 43.6089, 68.6068

Sweetspot

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



50.1287, 43.6109, 46.3337



86.5050, 86.7163, 94.3174



51.0077, 43.4503, 74.1055



18.1925, 18.0603, 19.6307



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.



50.1287, 43.6109, 46.3337



65.2379, 54.1145, 56.6081



51.5441, 48.6695, 39.9376



13.1867, 13.1038, 14.2442



17.7515, 9.1016, 3.0713



1.1843, 0.6033, 0.3794

Inverse Universe

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



50.1287, 43.6109, 46.3337



65.2379, 54.1145, 56.6081



49.5611, 56.7179, 76.7426



13.1867, 13.1038, 14.2442



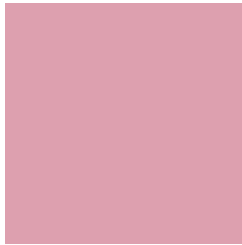
17.7515, 9.1016, 3.0713



1.1843, 0.6033, 0.3794

Previews

White Background



This preview shows how the XYZ color 50.1275, 43.6089, 46.3328 looks on a white background.

Color Contrast Check

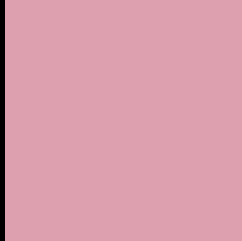
Large Text (above 18pt) WCAG AA × Fail

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 50.1275, 43.6089, 46.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

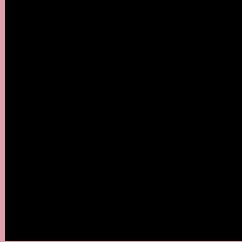
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1275, 43.6089, 46.3328

Background



This preview shows how black text looks on a background with the XYZ color 50.1275, 43.6089, 46.3328.



This preview shows how white text looks on a background with the XYZ color 50.1275, 43.6089,

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

50.1275, 43.6089, 46.3328

Protanopia

42.5372, 43.9763, 51.5937

Deuteranopia

44.6114, 43.7451, 45.6275



Tritanopia

49.9324, 43.5309, 45.3057

Trichromacy



Original Color

50.1275, 43.6089, 46.3328

Protanomaly

44.9633, 43.5550, 49.7532

Deuteranomaly

46.3605, 43.5308, 46.0032

Tritanomaly

50.0296, 43.5698, 45.8174

Monochromacy



Original Color

50.1275, 43.6089, 46.3328

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

45.4851, 44.7036, 48.3508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1275, 43.6089, 46.3328 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(221, 160, 175)` looks like.

```
.text, #text, p{  
    color:rgb(221, 160, 175)  
}
```

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(221, 160, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 160, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.1275, 43.6089, 46.3328 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(221, 160, 175) }
```


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

```
.border{ border-color:rgb(221, 160, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 160, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 160, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 160, 175); box-shadow:4px 4px 4px 4px rgb(221, 160, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1275, 43.6089, 46.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 160, 175) }
```

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

```
.background{ background-color: rgb(221,  
160, 175) }
```

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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