

Converting Colors

XYZ(45.1133, 36.4949, 35.6768)

Have a look what the booklet for
XYZ(45.1133, 36.4949, 35.6768)
contains.

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Color

**XYZ(45.1133, 36.4949,
35.6768)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8C9B
RGB	221, 140, 155
RGB Percent	87%, 55%, 61%
CMY	0.1333, 0.4510, 0.3922
CMYK	0.00, 0.37, 0.30, 0.13
HSL	349°, 54%, 71%
HSV	349°, 37%, 87%
XYZ	45.1133, 36.4949, 35.6768
YIQ	165.9290, 43.4610, 21.8370

Conversions

Conversions Part 2

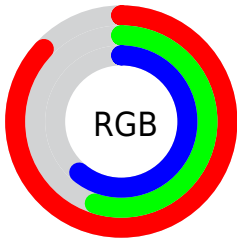
Format	Color
R _Y B	221, 140, 155
Decimal	14519451
CIE Lab	66.90, 32.71, 5.04
CIE LCh	67, 33.099, 8.765
Yxy	36.4949, 0.3846, 0.3112
Android (android.graphics.Color)	4292709531 (0xFFDD8C9B)
YUV	165.9290, -5.3880, 48.2973
Hunter-Lab	60.4110, 27.5797, 7.2729

Details

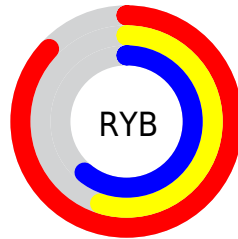
The XYZ color **45.1133, 36.4949, 35.6768** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8139, 61.7455, 67.7939**, and the grayscale version is **36.2226, 38.1090, 41.5007**.

A 20% lighter version of the original color is **72.0404, 64.4470, 68.9642**, and **21.2983, 15.8714, 15.0377** is the 20% darker color. If you saturate the color by 10%, you get **40.8010, 30.1128, 27.3260**, and if you desaturate by 10%, it is **50.3016, 44.2677, 45.4333**.

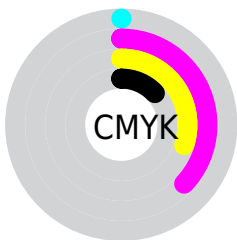
Distribution



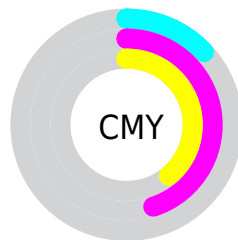
- Red (87%)
- Green (55%)
- Blue (61%)



- Red (87%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (37%)
- Yellow (30%)
- Black (13%)





- Cyan (13%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.1133, 36.4949, 35.6768 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 45.1133, 36.4949, 35.6768 by changing the saturation by 10% instead.


 45.1133, 36.4949,
35.6768


 45.1133, 36.4949,
35.6768


358.0082,
331.1185, 342.5403


 31.7483, 24.8167,
23.8970


 82.1264, 69.7953,
69.6963

 21.3240, 15.9405,
15.0457


 106.5053, 92.1861,
92.7731

 13.4748, 9.4821,
8.7045


 135.2862,
118.9167, 120.4527

 7.8356, 5.0569,
4.4548

168.8344,
150.3714, 153.1535

 4.0408, 2.2807,
1.8780

207.5154,
186.9345, 191.2941

 1.7253, 0.7635,
0.4787

251.6944,

 0.4720, 0.0000,

228.9904, 235.2931

0.0000

301.7369,
276.9237, 285.5690

■ 0.0000, 0.0000,
0.0000

■ 45.1133, 36.4949,
35.6768

■ 45.1133, 36.4949,
35.6768

■ 40.8010, 30.1128,
27.3260

■ 50.3016, 44.2677,
45.4333

■ 37.3129, 25.0341,
20.3131

■ 56.4081, 53.5012,
56.6543

■ 34.5958, 21.1697,
14.5684

■ 63.4758, 64.2670,
69.3980

■ 32.5894, 18.4172,
10.0141

■ 71.5441, 76.6306,
83.7187

■ 31.2237, 16.6571,
6.5642

■ 80.6500, 90.6535,
99.6681

■ 30.4114, 15.7378,
4.1189

■ 83.6289, 94.1122,
108.3655

■ 30.2177, 15.5317,
3.4954

Harmonies

Analogous

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



44.4706, 36.4949, 50.5984



45.1133, 36.4949, 35.6768



42.7596, 36.4949, 24.8365

Triad

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



45.1133, 36.4949, 35.6768



28.9950, 36.4949, 21.8636



31.3116, 36.4949, 71.4240

Complementary

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



45.1133, 36.4949, 35.6768



47.8139, 61.7455, 67.7939

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.



27.7008, 36.4949, 59.6499



45.1133, 36.4949, 35.6768



26.4556, 36.4949, 30.5526

Square

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



45.1133, 36.4949, 35.6768



33.2391, 36.4949, 18.2203



26.0058, 36.4949, 44.0936



36.1770, 36.4949, 73.7433

Rectangle

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



45.1133, 36.4949, 35.6768



39.9300, 36.4949, 20.4970



26.0058, 36.4949, 44.0936



29.9248, 36.4949, 68.3250

Sweetspot

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



45.1143, 36.4967, 35.6775



83.2812, 82.0052, 87.8897



47.5522, 36.9293, 73.0286



17.5402, 17.1178, 18.2973



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.



45.1143, 36.4967, 35.6775



57.6947, 43.5098, 40.2772



47.8829, 43.9257, 30.7680



13.1540, 13.0907, 14.0723



17.5843, 9.0348, 2.1909



1.1688, 0.5971, 0.2977

Inverse Universe

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



45.1143, 36.4967, 35.6775



57.6947, 43.5098, 40.2772



43.7660, 50.5937, 75.8657



13.1540, 13.0907, 14.0723



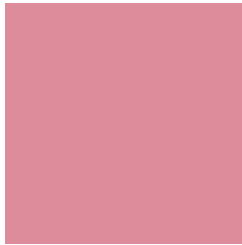
17.5843, 9.0348, 2.1909



1.1688, 0.5971, 0.2977

Previews

White Background



This preview shows how the XYZ color 45.1133, 36.4949, 35.6768 looks on a white background.

Color Contrast Check

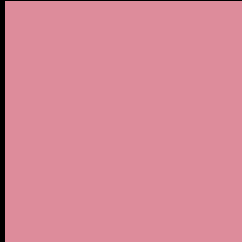
Large Text (above 18pt) WCAG AA × Fail

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 45.1133, 36.4949, 35.6768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

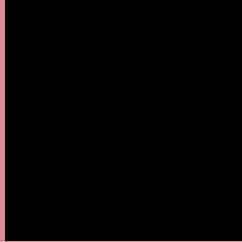
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1133, 36.4949, 35.6768

Background



This preview shows how black text looks on a background with the XYZ color 45.1133, 36.4949, 35.6768.



This preview shows how white text looks on a background with the XYZ color 45.1133, 36.4949,

35.6768.

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

45.1133, 36.4949, 35.6768

Protanopia

35.5053, 36.6671, 42.2519

Deuteranopia

37.4228, 36.7880, 34.8342



Tritanopia

44.9296, 36.6563, 33.9855

Trichromacy



Original Color

45.1133, 36.4949, 35.6768

Protanomaly

38.1740, 36.0698, 39.6005

Deuteranomaly

39.8423, 36.3034, 35.0443

Tritanomaly

45.0112, 36.6889, 34.4151

Monochromacy



Original Color

45.1133, 36.4949, 35.6768

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.8283, 37.1617, 39.3089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1133, 36.4949, 35.6768 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, 140, 155)` looks like.

```
.text, #text, p{  
    color:rgb(221, 140, 155)  
}
```

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, 140, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 140, 155) }
```

Border

The CSS property to change the border of an element to XYZ 45.1133, 36.4949, 35.6768 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, 140, 155) }
```


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

```
.border{ border-color:rgb(221, 140, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 140, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 140, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 140, 155);  
box-shadow:4px 4px 4px 4px rgb(221, 140,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1133, 36.4949, 35.6768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 140, 155) }
```

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

```
.background{ background-color: rgb(221,  
140, 155) }
```

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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