

Converting Colors

XYZ(46.0862, 40.7647, 38.7029)

Have a look what the booklet for
XYZ(46.0862, 40.7647, 38.7029)
contains.

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Color

**XYZ(45.9652, 40.6111,
38.6738)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D69CA0 |
| RGB | 214, 156, 160 |
| RGB Percent | 84%, 61%, 63% |
| CMY | 0.1608, 0.3882, 0.3725 |
| CMYK | 0.00, 0.27, 0.25, 0.16 |
| HSL | 356°, 41%, 73% |
| HSV | 356°, 27%, 84% |
| XYZ | 45.9652, 40.6111, 38.6738 |
| YIQ | 173.7980, 33.2840, 13.5400 |

Conversions

Conversions Part 2

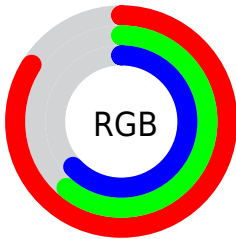
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 214, 156, 160 |
| Decimal | 14064800 |
| CIE Lab | 69.90, 22.19, 6.47 |
| CIE LCh | 70, 23.118, 16.250 |
| Yxy | 40.6111, 0.3670, 0.3242 |
| Android (android.graphics.Color) | 4292254880 (0xFFD69CA0) |
| YUV | 173.7980, -6.8024, 35.2572 |
| Hunter-Lab | 63.7268, 17.2274, 8.6276 |

Details

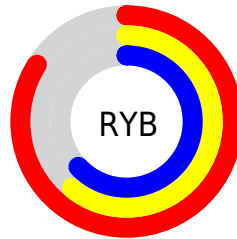
The XYZ color **45.9652, 40.6111, 38.6738** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.3914, 59.8152, 69.9180**, and the grayscale version is **40.1512, 42.2422, 46.0017**.

A 20% lighter version of the original color is **76.8000, 72.7548, 74.2853**, and **21.8112, 18.2739, 16.8456** is the 20% darker color. If you saturate the color by 10%, you get **41.0799, 33.4099, 29.1238**, and if you desaturate by 10%, it is **51.7648, 49.1931, 49.9078**.

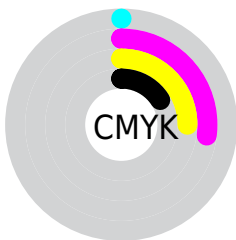
Distribution



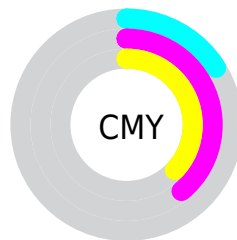
- Red (84%)
- Green (61%)
- Blue (63%)



- Red (84%)
- Yellow (61%)
- Blue (63%)



- Cyan (0%)
- Magenta (27%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (39%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9652, 40.6111, 38.6738 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 45.9652, 40.6111, 38.6738 by changing the saturation by 10% instead.


 45.9652, 40.6111,
38.6738


 45.9652, 40.6111,
38.6738


361.3870,
348.6926, 355.8861

 32.4229, 28.0153,
26.2002


 83.3951, 76.0932,
74.3546

 21.8418, 18.3372,
16.7463


 108.0134, 99.7483,
98.3988

 13.8567, 11.1924,
9.8938


137.0543,
127.8586, 127.1370

 8.1021, 6.1964,
5.2239

170.8834,
160.8086, 160.9877

 4.2127, 2.9649,
2.3182

209.8658,
198.9826, 200.3694

 1.8231, 1.1134,
0.7414

254.3670,

 0.5316, 0.0000,

242.7650, 245.7007

0.0000

304.7522,
292.5402, 297.4001

0.0000, 0.0000,
0.0000

45.9652, 40.6111,
38.6738

45.9652, 40.6111,
38.6738

41.0799, 33.4099,
29.1238

51.7648, 49.1931,
49.9078

37.0590, 27.5120,
21.1742

58.5184, 59.2167,
62.8988

33.8531, 22.8412,
14.7382

66.2677, 70.7460,
77.7186

31.4063, 19.3110,
9.7195

75.0506, 83.8395,
94.4343

29.6557, 16.8235,
6.0111

81.5417, 93.0362,
108.2678

■ 28.5283, 15.2644,
3.4904

■ 27.9300, 14.4833,
2.0099

■ 27.8161, 14.3300,
1.7424

Harmonies

Analogous

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



46.0570, 40.6111, 49.3251



45.9652, 40.6111, 38.6738



43.8183, 40.6111, 30.8843

Triad

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



45.9652, 40.6111, 38.6738



33.6089, 40.6111, 31.3898



36.9065, 40.6111, 67.5350

Complementary

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



45.9652, 40.6111, 38.6738



49.3914, 59.8152, 69.9180

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.



33.8127, 40.6111, 60.9259



45.9652, 40.6111, 38.6738



31.9941, 40.6111, 39.4773

Square

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



45.9652, 40.6111, 38.6738



36.6116, 40.6111, 27.1697



32.0662, 40.6111, 50.2695



40.6583, 40.6111, 67.2254

Rectangle

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



45.9652, 40.6111, 38.6738



41.5853, 40.6111, 27.8448



32.0662, 40.6111, 50.2695



35.7604, 40.6111, 66.0080

Sweetspot

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



45.9663, 40.6130, 38.6746



85.9751, 86.5043, 91.5268



50.3689, 42.2135, 69.1120



18.0601, 18.0074, 18.9338



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.



45.9663, 40.6130, 38.6746



63.6754, 53.4895, 48.3797



50.0885, 49.4079, 38.3515



12.4576, 12.4345, 13.0841



16.8269, 8.6671, 1.1266



1.0274, 0.5277, 0.1335

Inverse Universe

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



45.9663, 40.6130, 38.6746



63.6754, 53.4895, 48.3797



44.2269, 48.6793, 70.6837



12.4576, 12.4345, 13.0841



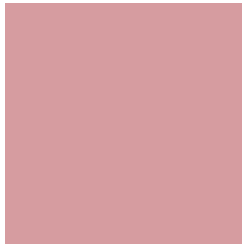
16.8269, 8.6671, 1.1266



1.0274, 0.5277, 0.1335

Previews

White Background



This preview shows how the XYZ color 45.9652, 40.6111, 38.6738 looks on a white background.

Color Contrast Check

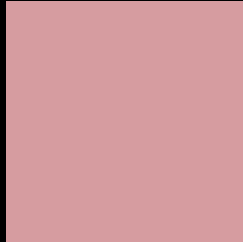
Large Text (above 18pt) WCAG AA × Fail

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 45.9652, 40.6111, 38.6738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

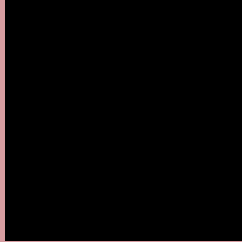
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.9652, 40.6111, 38.6738

Background



This preview shows how black text looks on a background with the XYZ color 45.9652, 40.6111, 38.6738.



This preview shows how white text looks on a background with the XYZ color 45.9652, 40.6111,

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

45.9652, 40.6111, 38.6738

Protanopia

39.1218, 40.6906, 42.8379

Deuteranopia

41.3649, 40.5854, 38.0013



Tritanopia

46.7207, 40.6798, 41.9487

Trichromacy



Original Color

45.9652, 40.6111, 38.6738

Protanomaly

41.2329, 40.4457, 41.2309

Deuteranomaly

42.9978, 40.6232, 38.3757

Tritanomaly

46.4465, 40.5701, 40.5048

Monochromacy



Original Color

45.9652, 40.6111, 38.6738

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.9664, 41.3208, 43.3000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9652, 40.6111, 38.6738 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(214, 156, 160) looks like.

```
.text, #text, p{  
    color:rgb(214, 156, 160)  
}
```

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(214, 156, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 156, 160) }
```

Border

The CSS property to change the border of an element to XYZ 45.9652, 40.6111, 38.6738 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(214, 156, 160) }
```


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

```
.border{ border-color:rgb(214, 156, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 156, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 156, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 156, 160);  
box-shadow:4px 4px 4px 4px rgb(214, 156,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9652, 40.6111, 38.6738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 156, 160) }
```

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

```
.background{ background-color: rgb(214,  
156, 160) }
```

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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