

Converting Colors

XYZ(45.1892, 40.8224, 46.7404)

Have a look what the booklet for
XYZ(45.1892, 40.8224, 46.7404)
contains.

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Color

**XYZ(45.1364, 40.7682,
46.5644)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9FB0
RGB	204, 159, 176
RGB Percent	80%, 62%, 69%
CMY	0.2000, 0.3765, 0.3098
CMYK	0.00, 0.22, 0.14, 0.20
HSL	337°, 31%, 71%
HSV	337°, 22%, 80%
XYZ	45.1364, 40.7682, 46.5644
YIQ	174.3930, 21.3630, 14.8270

Conversions

Conversions Part 2

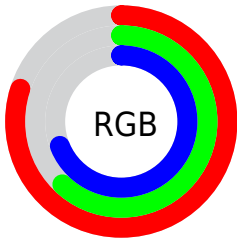
Format	Color
RYB	204, 159, 176
Decimal	13410224
CIELab	70.01, 19.34, -2.38
CIELCh	70, 19.491, 352.976
Yxy	40.7682, 0.3407, 0.3078
Android (android.graphics.Color)	4291600304 (0xFFCC9FB0)
YUV	174.3930, 0.7923, 25.9653
Hunter-Lab	63.8500, 14.4466, 1.4561

Details

The XYZ color **45.1364, 40.7682, 46.5644** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.8622, 54.1455, 55.1028**, and the grayscale version is **40.4235, 42.5287, 46.3137**.

A 20% lighter version of the original color is **79.8521, 75.1793, 86.6463**, and **21.2902, 18.3602, 21.4905** is the 20% darker color. If you saturate the color by 10%, you get **40.7159, 33.8438, 39.1811**, and if you desaturate by 10%, it is **50.2557, 48.9011, 54.7611**.

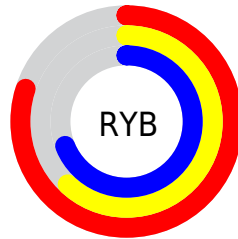
Distribution



Red (80%)

Green (62%)

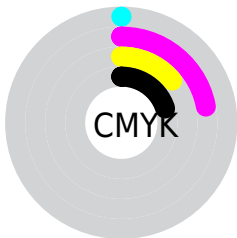
Blue (69%)



Red (80%)

Yellow (62%)

Blue (69%)

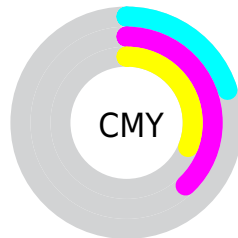


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1364, 40.7682, 46.5644 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 45.1364, 40.7682, 46.5644 by changing the saturation by 10% instead.


 45.1364, 40.7682,
46.5644


 45.1364, 40.7682,
46.5644

358.1001,
349.3509, 389.4164

 31.7666, 28.1380,
32.3396


 82.1609, 76.3319,
86.4062

 21.3380, 18.4297,
21.3540


 106.5462,
100.0342, 112.8602

 13.4851, 11.2589,
13.1893


135.3342,
128.1959, 144.2278

 7.8428, 6.2413,
7.4267

168.8901,
161.2016, 180.9273

 4.0455, 2.9923,
3.6479

207.5793,
199.4355, 223.3774

 1.7279, 1.1277,
1.4343

251.7671,

 0.4736, 0.0015,

243.2821, 271.9966

0.1682

301.8189,
293.1258, 327.2034

■ 0.0000, 0.0000,
0.0000

■ 45.1364, 40.7682,
46.5644

■ 45.1364, 40.7682,
46.5644

■ 40.7159, 33.8438,
39.1811

■ 50.2557, 48.9011,
54.7611

■ 36.9591, 28.0644,
32.5824

■ 56.0997, 58.2912,
63.7936

■ 33.8329, 23.3689,
26.7411

■ 62.6974, 68.9909,
73.6868

■ 31.3003, 19.6884,
21.6276

■ 70.0751, 81.0483,
84.4634

■ 29.3196, 16.9458,
17.2098

■ 76.3120, 90.6174,
95.4970

■ 27.8436, 15.0530,
13.4527

■ 78.2592, 91.3963,
105.7510

■ 26.8164, 13.9045,
10.3174

■ 78.7120, 91.5775,
108.1354

■ 26.2436, 13.3741,
8.2300

Harmonies

Analogous

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



43.8358, 40.7682, 55.7847



45.1364, 40.7682, 46.5644



44.6522, 40.7682, 37.9021

Triad

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



45.1364, 40.7682, 46.5644



36.4120, 40.7682, 30.1470



35.1843, 40.7682, 59.8809

Complementary

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



45.1364, 40.7682, 46.5644



44.8622, 54.1455, 55.1028

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.



33.3904, 40.7682, 51.5782



45.1364, 40.7682, 46.5644



34.0717, 40.7682, 34.6627

Square

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



45.1364, 40.7682, 46.5644



39.5011, 40.7682, 29.1860



32.9945, 40.7682, 42.2837



38.0065, 40.7682, 64.1251

Rectangle

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



45.1364, 40.7682, 46.5644



43.3944, 40.7682, 33.4954



32.9945, 40.7682, 42.2837



34.4475, 40.7682, 57.4219

Sweetspot

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



45.1376, 40.7700, 46.5653



87.8804, 88.4404, 97.9413



43.7311, 39.6912, 62.4834



18.6839, 18.7273, 20.7683



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.



45.1376, 40.7700, 46.5653



71.4780, 62.3682, 71.7176



44.4815, 41.9829, 38.5622



11.3847, 11.2826, 12.5604



16.5598, 8.4345, 5.4007



0.8909, 0.4498, 0.4714

Inverse Universe

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



45.1376, 40.7700, 46.5653



71.4780, 62.3682, 71.7176



45.5644, 52.4635, 64.8521



11.3847, 11.2826, 12.5604



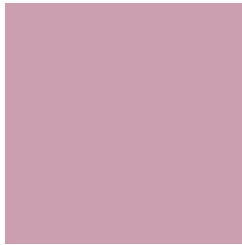
16.5598, 8.4345, 5.4007



0.8909, 0.4498, 0.4714

Previews

White Background



This preview shows how the XYZ color 45.1364, 40.7682, 46.5644 looks on a white background.

Color Contrast Check

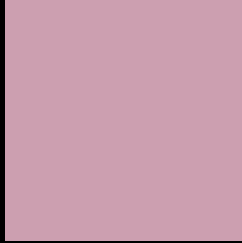
Large Text (above 18pt) WCAG AA × Fail

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 45.1364, 40.7682, 46.5644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

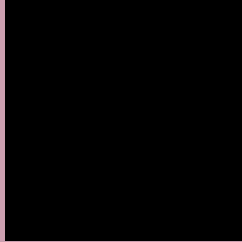
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1364, 40.7682, 46.5644

Background



This preview shows how black text looks on a background with the XYZ color 45.1364, 40.7682, 46.5644.



This preview shows how white text looks on a background with the XYZ color 45.1364, 40.7682,

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

45.1364, 40.7682, 46.5644

Protanopia

39.7166, 40.8263, 50.5867

Deuteranopia

41.6238, 40.8067, 46.2401



Tritanopia

44.9190, 40.9575, 44.5678

Trichromacy



Original Color

45.1364, 40.7682, 46.5644

Protanomaly

41.4029, 40.6350, 48.8412

Deuteranomaly

42.8274, 40.6270, 46.1420

Tritanomaly

45.0155, 40.9961, 45.0756

Monochromacy



Original Color

45.1364, 40.7682, 46.5644

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.9334, 41.7854, 46.4127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1364, 40.7682, 46.5644 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(204, 159, 176)` looks like.

```
.text, #text, p{  
    color:rgb(204, 159, 176)  
}
```

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(204, 159, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 159, 176) }
```

Border

The CSS property to change the border of an element to XYZ 45.1364, 40.7682, 46.5644 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(204, 159, 176) }
```


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

```
.border{ border-color:rgb(204, 159, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 159, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 159, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 159, 176);  
box-shadow:4px 4px 4px 4px rgb(204, 159,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1364, 40.7682, 46.5644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 159, 176) }
```

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

```
.background{ background-color: rgb(204,  
159, 176) }
```

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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