

Converting Colors

XYZ(45.8668, 40.8262, 46.4144)

Have a look what the booklet for
XYZ(45.8668, 40.8262, 46.4144)
contains.

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Color

**XYZ(46.0758, 40.9982,
46.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	D09EB0
RGB	208, 158, 176
RGB Percent	82%, 62%, 69%
CMY	0.1843, 0.3804, 0.3098
CMYK	0.00, 0.24, 0.15, 0.18
HSL	338°, 35%, 72%
HSV	338°, 24%, 82%
XYZ	46.0758, 40.9982, 46.5593
YIQ	175.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

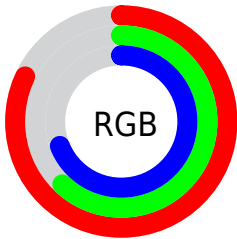
Format	Color
R _{YB}	208, 158, 176
Decimal	13672112
CIE Lab	70.17, 21.34, -2.10
CIE LCh	70, 21.439, 354.380
Yxy	40.9982, 0.3448, 0.3068
Android (android.graphics.Color)	4291862192 (0xFFD09EB0)
YUV	175.0020, 0.4920, 28.9392
Hunter-Lab	64.0298, 16.3962, 1.7082

Details

The XYZ color **46.0758, 40.9982, 46.5593** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.9524, 56.0997, 57.1243**, and the grayscale version is **40.7384, 42.8600, 46.6745**.

A 20% lighter version of the original color is **79.5997, 74.6747, 86.5622**, and **21.9290, 18.5356, 21.4907** is the 20% darker color. If you saturate the color by 10%, you get **41.5704, 33.9928, 38.8742**, and if you desaturate by 10%, it is **51.3132, 49.2599, 55.1267**.

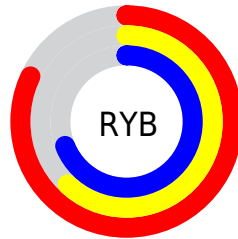
Distribution



Red (82%)

Green (62%)

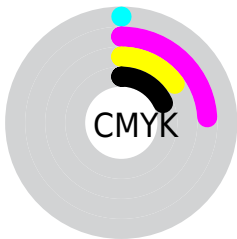
Blue (69%)



Red (82%)

Yellow (62%)

Blue (69%)

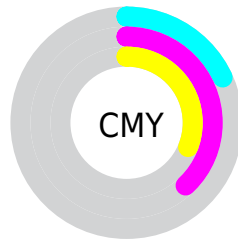


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0758, 40.9982, 46.5593 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 46.0758, 40.9982, 46.5593 by changing the saturation by 10% instead.


 46.0758, 40.9982,
46.5593


 46.0758, 40.9982,
46.5593


361.8241,
350.3131, 389.3954

 32.5105, 28.3177,
32.3356


 83.5596, 76.6812,
86.3985

 21.9092, 18.5653,
21.3510


 108.2088,
100.4524, 112.8510

 13.9064, 11.3566,
13.1871


137.2834,
128.6893, 144.2169

 8.1369, 6.3072,
7.4252

171.1487,
161.7763, 180.9147

 4.2352, 3.0328,
3.6470

210.1701,
200.0978, 223.3629

 1.8360, 1.1489,
1.4338

254.7129,

 0.5392, 0.0193,

244.0382, 271.9800

0.1678

305.1424,
293.9818, 327.1847

■ 0.0000, 0.0000,
0.0000

■ 46.0758, 40.9982,
46.5593

■ 46.0758, 40.9982,
46.5593

■ 41.5704, 33.9928,
38.8742

■ 51.3132, 49.2599,
55.1267

■ 37.7596, 28.1763,
32.0394

■ 57.3107, 58.8299,
64.6020

■ 34.6079, 23.4831,
26.0243

■ 64.0993, 69.7642,
75.0127

■ 32.0750, 19.8395,
20.7955

■ 71.7070, 82.1135,
86.3844

■ 30.1159, 17.1623,
16.3167

■ 77.8849, 91.3749,
97.9832

■ 28.6792, 15.3559,
12.5484

■ 79.8227, 92.1500,
108.1874

■ 27.7031, 14.3045,
9.4461

■ 27.2783, 13.9163,
7.8818

Harmonies

Analogous

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



44.7140, 40.9982, 56.8670



46.0758, 40.9982, 46.5593



45.4422, 40.9982, 37.1288

Triad

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



46.0758, 40.9982, 46.5593



36.2481, 40.9982, 29.2508



35.1684, 40.9982, 62.2637

Complementary

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



46.0758, 40.9982, 46.5593



45.9524, 56.0997, 57.1243

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.



33.1392, 40.9982, 53.1016



46.0758, 40.9982, 46.5593



33.7358, 40.9982, 34.3048

Square

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



46.0758, 40.9982, 46.5593



39.6321, 40.9982, 28.0380



32.6308, 40.9982, 42.7743



38.3105, 40.9982, 66.7656

Rectangle

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



46.0758, 40.9982, 46.5593



43.9918, 40.9982, 32.4424



32.6308, 40.9982, 42.7743



34.3412, 40.9982, 59.5659

Sweetspot

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



46.0770, 41.0001, 46.5602



87.8323, 88.4211, 97.6878



44.7656, 39.9141, 65.0199



18.6728, 18.7229, 20.7097



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.



46.0770, 41.0001, 46.5602



69.1185, 58.8658, 67.1802



45.5805, 42.6706, 38.1839



11.9821, 11.8776, 13.1813



17.0434, 8.6902, 5.1349



0.9905, 0.5009, 0.4848

Inverse Universe

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



46.0770, 41.0001, 46.5602



69.1185, 58.8658, 67.1802



46.4516, 53.7533, 67.6023



11.9821, 11.8776, 13.1813



17.0434, 8.6902, 5.1349



0.9905, 0.5009, 0.4848

Previews

White Background



This preview shows how the XYZ color 46.0758, 40.9982, 46.5593 looks on a white background.

Color Contrast Check

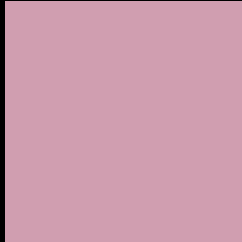
Large Text (above 18pt) WCAG AA × Fail

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 46.0758, 40.9982, 46.5593 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 46.0758, 40.9982, 46.5593

Background



This preview shows how black text looks on a background with the XYZ color 46.0758, 40.9982, 46.5593.



This preview shows how white text looks on a background with the XYZ color 46.0758, 40.9982,

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

46.0758, 40.9982, 46.5593

Protanopia

40.0092, 41.2444, 51.1997

Deuteranopia

41.7697, 40.8932, 45.7361



Tritanopia

45.4809, 41.0019, 44.0451

Trichromacy



Original Color

46.0758, 40.9982, 46.5593

Protanomaly

41.7439, 40.7990, 49.3909

Deuteranomaly

43.3407, 40.8916, 46.1660

Tritanomaly

45.6731, 41.0788, 45.0569

Monochromacy



Original Color

46.0758, 40.9982, 46.5593

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

42.4193, 42.0359, 46.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0758, 40.9982, 46.5593 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(208, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(208, 158, 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(208, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 158, 176) }
```

Border

The CSS property to change the border of an element to XYZ 46.0758, 40.9982, 46.5593 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(208, 158, 176) }
```


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

```
.border{ border-color:rgb(208, 158, 176) }
```

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

Here you see how a box with a 4 pixel rgb(208, 158, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(208, 158,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0758, 40.9982, 46.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 158, 176) }
```

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

```
.background{ background-color: rgb(208,  
158, 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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