

Converting Colors

XYZ(44.0487, 39.9441, 46.2323)

Have a look what the booklet for
XYZ(44.0487, 39.9441, 46.2323)
contains.

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Color

**XYZ(44.1507, 40.0058,
46.4692)**

Conversions

Conversions Part 1

Format	Color
Hex	C99EB0
RGB	201, 158, 176
RGB Percent	79%, 62%, 69%
CMY	0.2118, 0.3804, 0.3098
CMYK	0.00, 0.21, 0.12, 0.21
HSL	335°, 28%, 70%
HSV	335°, 21%, 79%
XYZ	44.1507, 40.0058, 46.4692
YIQ	172.9090, 19.8500, 14.7140

Conversions

Conversions Part 2

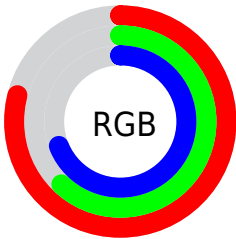
Format	Color
R _Y B	201, 158, 176
Decimal	13213360
CIE Lab	69.47, 18.81, -3.21
CIE LCh	69, 19.082, 350.313
Yxy	40.0058, 0.3380, 0.3063
Android (android.graphics.Color)	4291403440 (0xFFC99EB0)
YUV	172.9090, 1.5239, 24.6358
Hunter-Lab	63.2501, 13.9112, 0.7154

Details

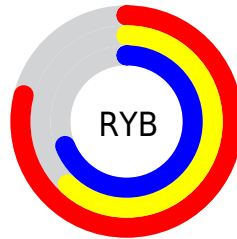
The XYZ color **44.1507, 40.0058, 46.4692** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.5360, 52.4623, 52.6338**, and the grayscale version is **39.6605, 41.7259, 45.4395**.

A 20% lighter version of the original color is **79.5997, 74.6747, 86.5622**, and **20.6462, 17.8743, 21.4307** is the 20% darker color. If you saturate the color by 10%, you get **39.8916, 33.2589, 39.5879**, and if you desaturate by 10%, it is **49.0724, 47.9176, 54.0635**.

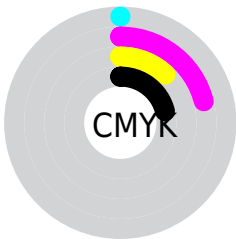
Distribution



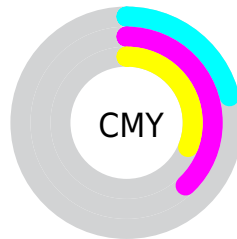
- Red (79%)
- Green (62%)
- Blue (69%)



- Red (79%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (12%)
- Black (21%)





- Cyan (21%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1507, 40.0058, 46.4692 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 44.1507, 40.0058, 46.4692 by changing the saturation by 10% instead.


 44.1507, 40.0058,
46.4692


 44.1507, 40.0058,
46.4692


354.1647,
346.1480, 389.0240

 30.9874, 27.5431,
32.2649

 80.6894, 75.1723,
86.2624

 20.7410, 17.9815,
21.2974


 104.7955, 98.6449,
112.6884

 13.0462, 10.9367,
13.1482


133.2800,
126.5563, 144.0254

 7.5376, 6.0243,
7.3988

166.5082,
159.2908, 180.6919

 3.8498, 2.8599,
3.6305

204.8453,
197.2328, 223.1065

 1.6175, 1.0590,
1.4249

248.6569,

 0.4038, 0.0000,

240.7668, 271.6877

0.1610

298.3083,
290.2770, 326.8540

■ 0.0000, 0.0000,
0.0000

■ 44.1507, 40.0058,
46.4692

■ 44.1507, 40.0058,
46.4692

■ 39.8916, 33.2589,
39.5879

■ 49.0724, 47.9176,
54.0635

■ 36.2620, 27.6161,
33.3950

■ 54.6810, 57.0405,
62.3894

■ 33.2309, 23.0191,
27.8676

■ 61.0038, 67.4250,
71.4680

■ 30.7632, 19.4021,
22.9807

■ 68.0657, 79.1170,
81.3185

■ 28.8200, 16.6917,
18.7074

■ 74.7616, 89.9032,
91.5836

■ 27.3570, 14.8041,
15.0183

■ 76.5011, 90.5990,
100.7433

■ 26.3218, 13.6396,
11.8803

■ 77.8976, 91.1576,
108.0973

■ 25.6929, 13.0597,
9.5809

Harmonies

Analogous

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



42.7546, 40.0058, 55.2831



44.1507, 40.0058, 46.4692



43.8386, 40.0058, 37.9456

Triad

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



44.1507, 40.0058, 46.4692



36.0099, 40.0058, 29.5400



34.3748, 40.0058, 57.9213

Complementary

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



44.1507, 40.0058, 46.4692



43.5360, 52.4623, 52.6338

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.



32.7483, 40.0058, 49.7015



44.1507, 40.0058, 46.4692



33.6565, 40.0058, 33.6229

Square

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



44.1507, 40.0058, 46.4692



39.0272, 40.0058, 28.9184



32.4926, 40.0058, 40.7739



37.0388, 40.0058, 62.4585

Rectangle

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



44.1507, 40.0058, 46.4692



42.7097, 40.0058, 33.5039



32.4926, 40.0058, 40.7739



33.6947, 40.0058, 55.4492

Sweetspot

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



44.1518, 40.0076, 46.4700



88.9624, 90.0639, 99.9677



42.1491, 38.6625, 60.4999



18.9055, 19.0561, 21.1952



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.



44.1518, 40.0076, 46.4700



71.8261, 62.5075, 73.5509



42.9819, 40.3311, 37.8692



10.8149, 10.7094, 12.0087



16.1981, 8.2288, 6.2529



0.8029, 0.4040, 0.4855

Inverse Universe

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



44.1518, 40.0076, 46.4700



71.8261, 62.5075, 73.5509



44.8690, 51.9363, 62.9186



10.8149, 10.7094, 12.0087



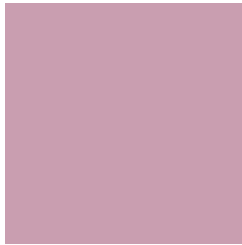
16.1981, 8.2288, 6.2529



0.8029, 0.4040, 0.4855

Previews

White Background



This preview shows how the XYZ color 44.1507, 40.0058, 46.4692 looks on a white background.

Color Contrast Check

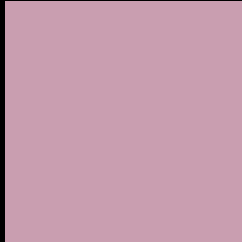
Large Text (above 18pt) WCAG AA × Fail

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 44.1507, 40.0058, 46.4692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

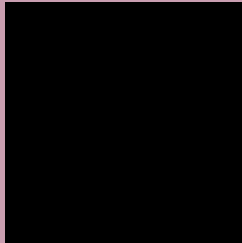
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1507, 40.0058, 46.4692

Background



This preview shows how black text looks on a background with the XYZ color 44.1507, 40.0058, 46.4692.



This preview shows how white text looks on a background with the XYZ color 44.1507, 40.0058,

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

44.1507, 40.0058, 46.4692

Protanopia

39.0974, 40.2298, 50.5042

Deuteranopia

40.9602, 40.1958, 46.1572



Tritanopia

43.5682, 40.0159, 43.9556

Trichromacy



Original Color

44.1507, 40.0058, 46.4692

Protanomaly

40.7494, 40.0293, 48.7587

Deuteranomaly

41.8934, 39.8830, 46.0476

Tritanomaly

43.7604, 40.0928, 44.9674

Monochromacy



Original Color

44.1507, 40.0058, 46.4692

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.1711, 41.1285, 45.8131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1507, 40.0058, 46.4692 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(201, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 158, 176) }
```

Border

The CSS property to change the border of an element to XYZ 44.1507, 40.0058, 46.4692 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(201, 158, 176) }
```


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

```
.border{ border-color:rgb(201, 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(201, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(201, 158,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1507, 40.0058, 46.4692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 158, 176) }
```

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

```
.background{ background-color: rgb(201,  
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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