

Converting Colors

XYZ(45.0261, 40.1466, 49.0920)

Have a look what the booklet for
XYZ(45.0261, 40.1466, 49.0920)
contains.

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Color

**XYZ(45.0261, 40.1466,
49.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9DB5
RGB	203, 157, 181
RGB Percent	80%, 62%, 71%
CMY	0.2039, 0.3843, 0.2902
CMYK	0.00, 0.23, 0.11, 0.20
HSL	329°, 31%, 71%
HSV	329°, 23%, 80%
XYZ	45.0261, 40.1466, 49.0920
YIQ	173.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

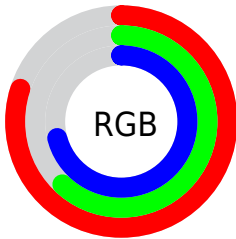
Format	Color
R_{YB}	203, 157, 181
Decimal	13344181
CIE Lab	69.57, 20.92, -5.82
CIE LCh	70, 21.715, 344.455
Yxy	40.1466, 0.3354, 0.2990
Android (android.graphics.Color)	4291534261 (0xFFCB9DB5)
YUV	173.4900, 3.7024, 25.8803
Hunter-Lab	63.3613, 15.9641, -1.5846

Details

The XYZ color **45.0261, 40.1466, 49.0920** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3989, 53.1358, 50.6192**, and the grayscale version is **39.9462, 42.0265, 45.7669**.

A 20% lighter version of the original color is **80.0695, 74.4614, 90.2731**, and **21.1606, 17.9576, 22.7729** is the 20% darker color. If you saturate the color by 10%, you get **40.9111, 33.4555, 42.9752**, and if you desaturate by 10%, it is **49.7835, 48.0103, 55.7664**.

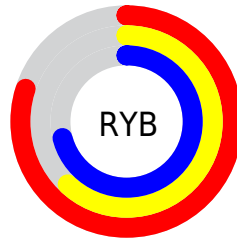
Distribution



Red (80%)

Green (62%)

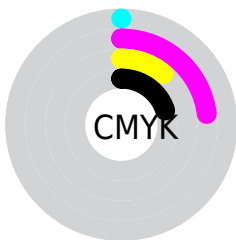
Blue (71%)



Red (80%)

Yellow (62%)

Blue (71%)

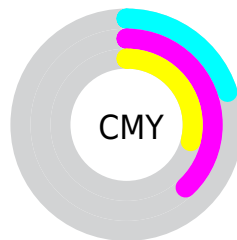


Cyan (0%)

Magenta (23%)

Yellow (11%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0261, 40.1466, 49.0920 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 45.0261, 40.1466, 49.0920 by changing the saturation by 10% instead.


 45.0261, 40.1466,
49.0920

 45.0261, 40.1466,
49.0920

357.6612,
346.7411, 399.7373

 31.6793, 27.6529,
34.3263


 81.9964, 75.3867,
90.2105

 21.2711, 18.0641,
22.8650


 106.3507, 98.9019,
117.4004

 13.4359, 10.9961,
14.2895


135.1048,
126.8596, 149.5688

 7.8084, 6.0642,
8.1813

168.6242,
159.6443, 187.1343

 4.0234, 2.8841,
4.1217

207.2742,
197.6405, 230.5153

 1.7154, 1.0716,
1.6924

251.4201,

 0.4659, 0.0000,

241.2324, 280.1304

0.3555

301.4273,
290.8044, 336.3982

■ 0.0000, 0.0000,
0.0000

■ 45.0261, 40.1466,
49.0920

■ 45.0261, 40.1466,
49.0920

■ 40.9111, 33.4555,
42.9752

■ 49.7835, 48.0103,
55.7664

■ 37.4055, 27.8747,
37.3968

■ 55.2073, 57.0942,
63.0119

■ 34.4784, 23.3443,
32.3397

■ 61.3247, 67.4498,
70.8444

■ 32.0946, 19.7965,
27.7849

■ 68.1602, 79.1240,
79.2785

■ 30.2151, 17.1556,
23.7117

■ 74.6085, 89.9045,
87.9521

■ 28.7951, 15.3344,
20.0971

■ 76.0071, 90.4639,
95.3168

■ 27.7810, 14.2286,
16.9151

■ 77.4828, 91.0542,
103.0876

■ 27.2255, 13.7353,
14.8263

■ 78.4389, 91.4367,
108.1226

Harmonies

Analogous

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



43.0753, 40.1466, 58.9877



45.0261, 40.1466, 49.0920



45.0632, 40.1466, 39.0698

Triad

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



45.0261, 40.1466, 49.0920



36.5005, 40.1466, 27.5602



33.5470, 40.1466, 58.6713

Complementary

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



45.0261, 40.1466, 49.0920



43.3989, 53.1358, 50.6192

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.



31.9972, 40.1466, 48.7099



45.0261, 40.1466, 49.0920



33.6302, 40.1466, 31.3326

Square

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



45.0261, 40.1466, 49.0920



39.9929, 40.1466, 27.6301



32.0267, 40.1466, 38.7417



36.3804, 40.1466, 65.0688

Rectangle

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



45.0261, 40.1466, 49.0920



43.9893, 40.1466, 33.6772



32.0267, 40.1466, 38.7417



32.8665, 40.1466, 55.5669

Sweetspot

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



45.0273, 40.1484, 49.0928



88.2733, 88.5975, 100.0099



41.3054, 37.9480, 61.6483



18.7748, 18.7637, 21.2471



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.



45.0273, 40.1484, 49.0928



72.0246, 61.7187, 77.2726



42.9046, 39.2993, 37.9152



11.4527, 11.3098, 12.9183



17.3723, 8.7595, 9.6793



0.9344, 0.4672, 0.7006

Inverse Universe

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



45.0273, 40.1484, 49.0928



72.0246, 61.7187, 77.2726



45.8595, 54.1201, 63.5766



11.4527, 11.3098, 12.9183



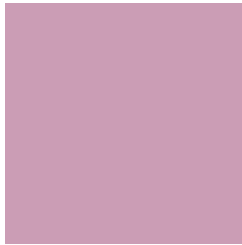
17.3723, 8.7595, 9.6793



0.9344, 0.4672, 0.7006

Previews

White Background



This preview shows how the XYZ color 45.0261, 40.1466, 49.0920 looks on a white background.

Color Contrast Check

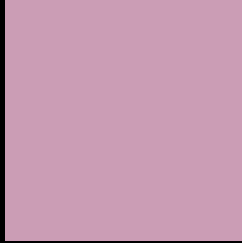
Large Text (above 18pt) WCAG AA × Fail

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 45.0261, 40.1466, 49.0920 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 45.0261, 40.1466, 49.0920

Background



This preview shows how black text looks on a background with the XYZ color 45.0261, 40.1466, 49.0920.



This preview shows how white text looks on a background with the XYZ color 45.0261, 40.1466,

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

45.0261, 40.1466, 49.0920

Protanopia

39.4135, 40.3316, 53.2844

Deuteranopia

40.8832, 40.1100, 48.2351



Tritanopia

44.1059, 40.2931, 43.9808

Trichromacy



Original Color

45.0261, 40.1466, 49.0920

Protanomaly

41.2681, 40.2368, 51.4904

Deuteranomaly

42.3938, 40.0831, 48.6824

Tritanomaly

44.3218, 40.1054, 45.9625

Monochromacy



Original Color

45.0261, 40.1466, 49.0920

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.4224, 40.9624, 46.7976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0261, 40.1466, 49.0920 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(203, 157, 181)` looks like.

```
.text, #text, p{  
    color:rgb(203, 157, 181)  
}
```

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(203, 157, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 157, 181) }
```

Border

The CSS property to change the border of an element to XYZ 45.0261, 40.1466, 49.0920 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(203, 157, 181) }
```


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

```
.border{ border-color:rgb(203, 157, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 157, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 157, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 157, 181);  
box-shadow:4px 4px 4px 4px rgb(203, 157,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0261, 40.1466, 49.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 157, 181) }
```

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

```
.background{ background-color: rgb(203,  
157, 181) }
```

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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