

Converting Colors

XYZ(44.9990, 36.1078, 50.4967)

Have a look what the booklet for
XYZ(44.9990, 36.1078, 50.4967)
contains.

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Color

**XYZ(44.9990, 36.1078,
50.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	D38CB9
RGB	211, 140, 185
RGB Percent	83%, 55%, 73%
CMY	0.1725, 0.4510, 0.2745
CMYK	0.00, 0.34, 0.12, 0.17
HSL	322°, 45%, 69%
HSV	322°, 34%, 83%
XYZ	44.9990, 36.1078, 50.4967
YIQ	166.3590, 27.8710, 29.0470

Conversions

Conversions Part 2

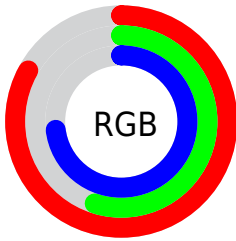
Format	Color
R_{YB}	211, 140, 185
Decimal	13864121
CIE _{Lab}	66.60, 33.65, -12.39
CIE _{LCh}	67, 35.860, 339.784
Yxy	36.1078, 0.3419, 0.2744
Android (android.graphics.Color)	4292054201 (0xFFD38CB9)
YUV	166.3590, 9.1900, 39.1502
Hunter-Lab	60.0898, 28.5149, -7.7618

Details

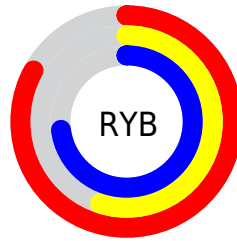
The XYZ color **44.9990, 36.1078, 50.4967** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.9939, 54.9182, 44.5185**, and the grayscale version is **36.3675, 38.2615, 41.6668**.

A 20% lighter version of the original color is **76.4090, 66.1944, 91.9687**, and **21.2548, 15.7793, 23.7552** is the 20% darker color. If you saturate the color by 10%, you get **41.4129, 30.2053, 45.3856**, and if you desaturate by 10%, it is **49.2228, 43.2136, 56.0399**.

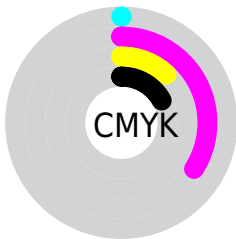
Distribution



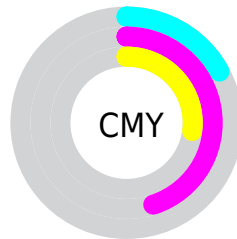
- Red (83%)
- Green (55%)
- Blue (73%)



- Red (83%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (12%)
- Black (17%)





- Cyan (17%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9990, 36.1078, 50.4967 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 44.9990, 36.1078, 50.4967 by changing the saturation by 10% instead.


 44.9990, 36.1078,
50.4967

 44.9990, 36.1078,
50.4967

357.5533,
329.4315, 405.3958


 31.6579, 24.5175,
35.4343

 81.9560, 69.1984,
92.3142

 21.2546, 15.7179,
23.7114


 106.3026, 91.4675,
119.9064

 13.4238, 9.3248,
14.9094


 135.0484,
118.0649, 152.5123

 7.8000, 4.9536,
8.6099

168.5588,
149.3751, 190.5504

 4.0180, 2.2201,
4.3943

207.1992,
185.7825, 234.4393

 1.7123, 0.7309,
1.8441

251.3348,

 0.4640, 0.0000,

227.6714, 284.5974

0.4568

301.3310,
275.4263, 341.4434

■ 0.0000, 0.0000,
0.0000

■ 44.9990, 36.1078,
50.4967

■ 44.9990, 36.1078,
50.4967

■ 41.4129, 30.2053,
45.3856

■ 49.2228, 43.2136,
56.0399

■ 38.4265, 25.4330,
40.6893

■ 54.1129, 51.5805,
62.0270

■ 36.0030, 21.7177,
36.3925

■ 59.7000, 61.2683,
68.4718

■ 34.0997, 18.9753,
32.4773

■ 66.0120, 72.3317,
75.3869

■ 32.6675, 17.1088,
28.9236

■ 73.0751, 84.8222,
82.7841

■ 31.6471, 16.0008,
25.7078

■ 77.0996, 91.1592,
89.4033

■ 31.1484, 15.5627,
23.8172

■ 78.2178, 91.6064,
95.2917

■ 79.3848, 92.0732,
101.4371

■ 80.6012, 92.5598,
107.8429

Harmonies

Analogous

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



41.3918, 36.1078, 66.8380



44.9990, 36.1078, 50.4967



45.5861, 36.1078, 34.4814

Triad

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



44.9990, 36.1078, 50.4967



32.5872, 36.1078, 16.7103



26.9515, 36.1078, 61.5453

Complementary

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



44.9990, 36.1078, 50.4967



40.9939, 54.9182, 44.5185

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.



25.0811, 36.1078, 44.5810



44.9990, 36.1078, 50.4967



28.1023, 36.1078, 20.6244

Square

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



44.9990, 36.1078, 50.4967



38.0289, 36.1078, 17.5129



25.4792, 36.1078, 29.9197



30.8593, 36.1078, 74.2875

Rectangle

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



44.9990, 36.1078, 50.4967



44.1290, 36.1078, 26.3314



25.4792, 36.1078, 29.9197



26.0832, 36.1078, 55.9893

Sweetspot

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



45.0001, 36.1095, 50.4974



85.9805, 84.2088, 98.6388



36.6234, 31.4444, 65.7677



18.1498, 17.5856, 20.8166



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.



45.0001, 36.1095, 50.4974



65.2398, 49.0859, 72.1228



41.8009, 34.8298, 33.6509



12.1195, 11.9325, 13.9049



18.8487, 9.4123, 14.6411



1.0914, 0.5413, 1.0159

Inverse Universe

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



45.0001, 36.1095, 50.4974



65.2398, 49.0859, 72.1228



44.5770, 56.3514, 63.3867



12.1195, 11.9325, 13.9049



18.8487, 9.4123, 14.6411



1.0914, 0.5413, 1.0159

Previews

White Background



This preview shows how the XYZ color 44.9990, 36.1078, 50.4967 looks on a white background.

Color Contrast Check

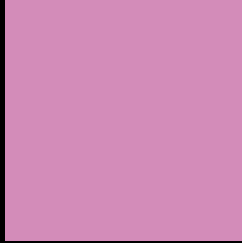
Large Text (above 18pt) WCAG AA × Fail

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 44.9990, 36.1078, 50.4967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

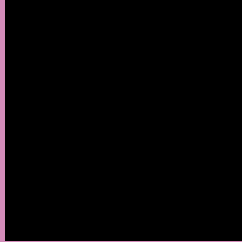
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9990, 36.1078, 50.4967

Background



This preview shows how black text looks on a background with the XYZ color 44.9990, 36.1078, 50.4967.



This preview shows how white text looks on a background with the XYZ color 44.9990, 36.1078,

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

44.9990, 36.1078, 50.4967

Protanopia

36.3801, 36.4833, 59.1574

Deuteranopia

37.0325, 36.2661, 49.3042



Tritanopia

42.1386, 36.0610, 36.1920

Trichromacy



Original Color

44.9990, 36.1078, 50.4967

Protanomaly

38.8080, 35.7915, 55.9020

Deuteranomaly

39.3810, 35.7425, 49.6231

Tritanomaly

43.0920, 35.9903, 41.2348

Monochromacy



Original Color

44.9990, 36.1078, 50.4967

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.8912, 37.0762, 44.6418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9990, 36.1078, 50.4967 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(211, 140, 185)` looks like.

```
.text, #text, p{  
    color:rgb(211, 140, 185)  
}
```

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(211, 140, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 140, 185) }
```

Border

The CSS property to change the border of an element to XYZ 44.9990, 36.1078, 50.4967 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(211, 140, 185) }
```


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

```
.border{ border-color:rgb(211, 140, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 140, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 140, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 140, 185);  
box-shadow:4px 4px 4px 4px rgb(211, 140,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9990, 36.1078, 50.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 140, 185) }
```

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

```
.background{ background-color: rgb(211,  
140, 185) }
```

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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