

Converting Colors

XYZ(48.6597, 40.0765, 51.9491)

Have a look what the booklet for
XYZ(48.6597, 40.0765, 51.9491)
contains.

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Color

**XYZ(48.6305, 39.9882,
52.1691)**

Conversions

Conversions Part 1

Format	Color
Hex	DA95BB
RGB	218, 149, 187
RGB Percent	85%, 58%, 73%
CMY	0.1451, 0.4157, 0.2667
CMYK	0.00, 0.32, 0.14, 0.15
HSL	327°, 48%, 72%
HSV	327°, 32%, 85%
XYZ	48.6305, 39.9882, 52.1691
YIQ	173.9630, 28.9260, 26.4460

Conversions

Conversions Part 2

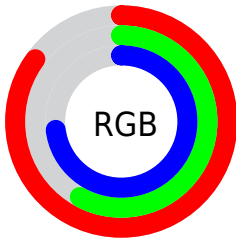
Format	Color
R _Y B	218, 149, 187
Decimal	14325179
CIE Lab	69.46, 31.54, -9.15
CIE LCh	69, 32.842, 343.817
Yxy	39.9882, 0.3454, 0.2840
Android (android.graphics.Color)	4292515259 (0xFFDA95BB)
YUV	173.9630, 6.4272, 38.6204
Hunter-Lab	63.2362, 26.6083, -4.6482

Details

The XYZ color **48.6305, 39.9882, 52.1691** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.7057, 59.8287, 52.3219**, and the grayscale version is **40.1718, 42.2639, 46.0253**.

A 20% lighter version of the original color is **79.0105, 70.9168, 94.3180**, and **23.4781, 17.9520, 24.7819** is the 20% darker color. If you saturate the color by 10%, you get **44.4859, 33.3199, 45.7895**, and if you desaturate by 10%, it is **53.4945, 47.9798, 59.1423**.

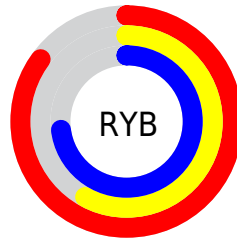
Distribution



Red (85%)

Green (58%)

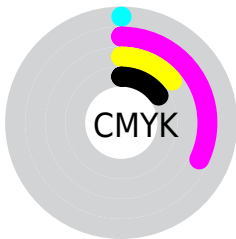
Blue (73%)



Red (85%)

Yellow (58%)

Blue (73%)

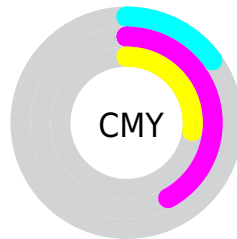


Cyan (0%)

Magenta (32%)

Yellow (14%)

Black (15%)



Cyan (15%)


Magenta (42%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6305, 39.9882, 52.1691 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 48.6305, 39.9882, 52.1691 by changing the saturation by 10% instead.


 48.6305, 39.9882,
52.1691

 48.6305, 39.9882,
52.1691


371.8270,
346.0738, 412.0646

 34.5398, 27.5293,
36.7567


 87.3464, 75.1455,
94.8097

 23.4734, 17.9712,
24.7249

 112.7024, 98.6128,
122.8750

 15.0661, 10.9293,
15.6550


142.5441,
126.5184, 155.9950

 8.9524, 6.0193,
9.1287

177.2370,
159.2466, 194.5882

 4.7670, 2.8568,
4.7273

217.1464,
197.1818, 239.0733

 2.1446, 1.0574,
2.0322

262.6376,

 0.7133, 0.0000,

240.7085, 289.8687

0.5750

314.0760,
290.2111, 347.3929

■ 0.0000, 0.0000,
0.0000

■ 48.6305, 39.9882,
52.1691

■ 48.6305, 39.9882,
52.1691

■ 44.4859, 33.3199,
45.7895

■ 53.4945, 47.9798,
59.1423

■ 41.0197, 27.8967,
39.9815

■ 59.1090, 57.3563,
66.7249

■ 38.1920, 23.6405,
34.7251

■ 65.5075, 68.1821,
74.9351

■ 35.9569, 20.4621,
29.9975

■ 72.7205, 80.5158,
83.7895

■ 34.2620, 18.2592,
25.7735

■ 79.8103, 92.4802,
92.9818

■ 33.0448, 16.9094,
22.0245

■ 81.2729, 93.0652,
100.6835

■ 32.3070, 16.2629,
19.2223

■ 82.7236, 93.6455,
108.3231

Harmonies

Analogous

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



45.4895, 39.9882, 68.1076



48.6305, 39.9882, 52.1691



48.7586, 39.9882, 36.9507

Triad

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



48.6305, 39.9882, 52.1691



35.6310, 39.9882, 20.9462



31.1341, 39.9882, 66.9688

Complementary

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



48.6305, 39.9882, 52.1691



45.7057, 59.8287, 52.3219

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.



28.9659, 39.9882, 50.8703



48.6305, 39.9882, 52.1691



31.3947, 39.9882, 25.7303

Square

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



48.6305, 39.9882, 52.1691



40.9118, 39.9882, 21.1378



29.0566, 39.9882, 35.9197



35.2441, 39.9882, 77.9135

Rectangle

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



48.6305, 39.9882, 52.1691



47.0947, 39.9882, 29.2638



29.0566, 39.9882, 35.9197



30.1718, 39.9882, 61.8370

Sweetspot

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



48.6317, 39.9900, 52.1699



86.5446, 85.5749, 98.0933



41.9713, 36.1308, 71.0919



18.2487, 17.8524, 20.6371



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.



48.6317, 39.9900, 52.1699



65.2999, 50.4742, 68.2334



45.4618, 38.7221, 35.4777



13.3546, 13.1709, 15.1286



19.4101, 9.7651, 11.8057



1.3007, 0.6499, 0.9923

Inverse Universe

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



48.6317, 39.9900, 52.1699



65.2999, 50.4742, 68.2334



49.5282, 61.3577, 72.4507



13.3546, 13.1709, 15.1286



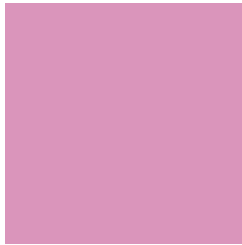
19.4101, 9.7651, 11.8057



1.3007, 0.6499, 0.9923

Previews

White Background



This preview shows how the XYZ color 48.6305, 39.9882, 52.1691 looks on a white background.

Color Contrast Check

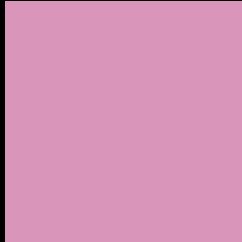
Large Text (above 18pt) WCAG AA × Fail

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 48.6305, 39.9882, 52.1691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

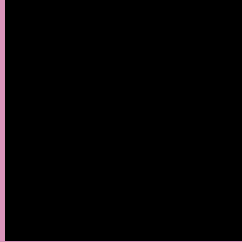
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.6305, 39.9882, 52.1691

Background



This preview shows how black text looks on a background with the XYZ color 48.6305, 39.9882, 52.1691.



This preview shows how white text looks on a background with the XYZ color 48.6305, 39.9882,

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

48.6305, 39.9882, 52.1691

Protanopia

39.9231, 40.4386, 60.3448

Deuteranopia

40.9293, 40.0743, 50.9253



Tritanopia

46.2071, 39.9462, 40.8723

Trichromacy



Original Color

48.6305, 39.9882, 52.1691

Protanomaly

42.5378, 39.9711, 57.1030

Deuteranomaly

43.4032, 39.7684, 51.2874

Tritanomaly

47.0900, 40.0725, 44.7880

Monochromacy



Original Color

48.6305, 39.9882, 52.1691

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.8270, 41.1121, 48.3260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6305, 39.9882, 52.1691 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(218, 149, 187)` looks like.

```
.text, #text, p{  
    color:rgb(218, 149, 187)  
}
```

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(218, 149, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 149, 187) }
```

Border

The CSS property to change the border of an element to XYZ 48.6305, 39.9882, 52.1691 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(218, 149, 187) }
```


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

```
.border{ border-color:rgb(218, 149, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 149, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 149, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 149, 187);  
box-shadow:4px 4px 4px 4px rgb(218, 149,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6305, 39.9882, 52.1691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 149, 187) }
```

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

```
.background{ background-color: rgb(218,  
149, 187) }
```

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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