

Converting Colors

XYZ(48.1545, 39.1883, 45.6528)

Have a look what the booklet for
XYZ(48.1545, 39.1883, 45.6528)
contains.

XYZ(48.1409, 39.1825, 45.5831)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.1409, 39.1825,
45.5831)**

Conversions

Conversions Part 1

Format	Color
Hex	DE92AF
RGB	222, 146, 175
RGB Percent	87%, 57%, 69%
CMY	0.1294, 0.4274, 0.3137
CMYK	0.00, 0.34, 0.21, 0.13
HSL	337°, 54%, 72%
HSV	337°, 34%, 87%
XYZ	48.1409, 39.1825, 45.5831
YIQ	172.0300, 35.9870, 25.1310

Conversions

Conversions Part 2

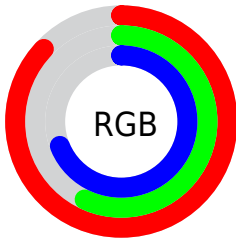
Format	Color
R _Y B	222, 146, 175
Decimal	14586543
CIE Lab	68.88, 32.69, -3.27
CIE LCh	69, 32.848, 354.295
Yxy	39.1825, 0.3622, 0.2948
Android (android.graphics.Color)	4292776623 (0xFFDE92AF)
YUV	172.0300, 1.4642, 43.8237
Hunter-Lab	62.5959, 27.7368, 0.6415

Details

The XYZ color **48.1409, 39.1825, 45.5831** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **47.6026, 62.2047, 59.9528**, and the grayscale version is **39.2089, 41.2508, 44.9221**.

A 20% lighter version of the original color is **76.4096, 68.7465, 84.1051**, and **23.0949, 17.4348, 20.8869** is the 20% darker color. If you saturate the color by 10%, you get **43.7646, 32.4791, 37.8062**, and if you desaturate by 10%, it is **53.3210, 47.2734, 54.3053**.

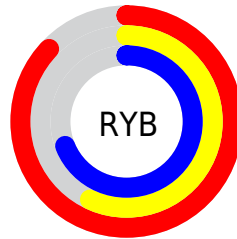
Distribution



Red (87%)

Green (57%)

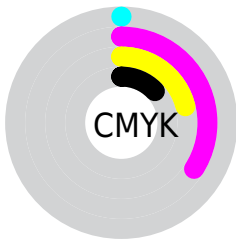
Blue (69%)



Red (87%)

Yellow (57%)

Blue (69%)

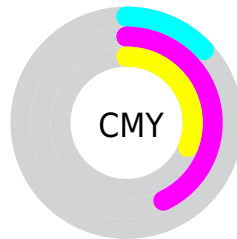


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (13%)



Cyan (13%)


Magenta (43%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1409, 39.1825, 45.5831 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 48.1409, 39.1825, 45.5831 by changing the saturation by 10% instead.


 48.1409, 39.1825,
45.5831

 48.1409, 39.1825,
45.5831

369.9237,
342.6658, 385.3588

 34.1502, 26.9017,
31.5707


 86.6226, 73.9170,
84.9224

 23.1724, 17.4994,
20.7717


 111.8443, 97.1396,
111.0864

 14.8423, 10.5912,
12.7676

141.5403,
124.7782, 142.1380

 8.7944, 5.7927,
7.1399

176.0761,
157.2172, 178.4957

 4.6633, 2.7194,
3.4700

215.8170,
194.8411, 220.5781

 2.0838, 0.9871,
1.3393

261.1283,

 0.6804, 0.0000,

238.0343, 268.8037

0.0937

312.3754,
287.1810, 323.5911

■ 0.0000, 0.0000,
0.0000

■ 48.1409, 39.1825,
45.5831

■ 48.1409, 39.1825,
45.5831

■ 43.7646, 32.4791,
37.8062

■ 53.3210, 47.2734,
54.3053

■ 40.1461, 27.0787,
30.9378

■ 59.3410, 56.8187,
64.0029

■ 37.2396, 22.8963,
24.9421

■ 66.2388, 67.8878,
74.7072

■ 34.9928, 19.8343,
19.7795

■ 74.0487, 80.5438,
86.4477

■ 33.3454, 17.7800,
15.4063

■ 82.1603, 93.5600,
99.0379

■ 32.2249, 16.5962,
11.7734

■ 83.9343, 94.2696,
108.3798

■ 31.7522, 16.1808,
9.9822

Harmonies

Analogous

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



45.9952, 39.1825, 61.7206



48.1409, 39.1825, 45.5831



47.1526, 39.1825, 31.9018

Triad

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



48.1409, 39.1825, 45.5831



33.2655, 39.1825, 21.4712



31.6891, 39.1825, 70.5000

Complementary

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



48.1409, 39.1825, 45.5831



47.6026, 62.2047, 59.9528

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.



28.8272, 39.1825, 55.6072



48.1409, 39.1825, 45.5831



29.6760, 39.1825, 27.9978

Square

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



48.1409, 39.1825, 45.5831



38.2479, 39.1825, 19.9872



28.1260, 39.1825, 39.8705



36.2535, 39.1825, 78.1069

Rectangle

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



48.1409, 39.1825, 45.5831



44.8925, 39.1825, 25.5819



28.1260, 39.1825, 39.8705



30.5138, 39.1825, 66.0332

Sweetspot

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



48.1420, 39.1843, 45.5839



85.0118, 83.8213, 93.5376



45.4236, 37.1537, 73.8848



17.9156, 17.4919, 19.5833



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.



48.1420, 39.1843, 45.5839



61.5498, 46.9492, 54.7286



47.0131, 41.0051, 32.6334



13.9225, 13.7867, 15.3623



18.9103, 9.6311, 6.1934



1.3535, 0.6847, 0.6541

Inverse Universe

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



48.1420, 39.1843, 45.5839



61.5498, 46.9492, 54.7286



48.8680, 59.0415, 77.9280



13.9225, 13.7867, 15.3623



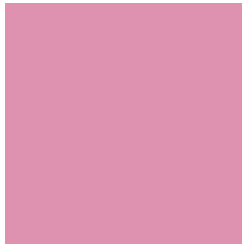
18.9103, 9.6311, 6.1934



1.3535, 0.6847, 0.6541

Previews

White Background



This preview shows how the XYZ color 48.1409, 39.1825, 45.5831 looks on a white background.

Color Contrast Check

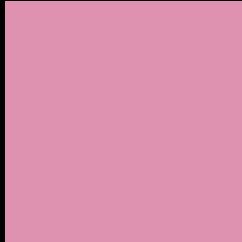
Large Text (above 18pt) WCAG AA × Fail

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 48.1409, 39.1825, 45.5831 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 48.1409, 39.1825, 45.5831

Background



This preview shows how black text looks on a background with the XYZ color 48.1409, 39.1825, 45.5831.



This preview shows how white text looks on a background with the XYZ color 48.1409, 39.1825,

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

48.1409, 39.1825, 45.5831

Protanopia

38.6217, 39.3753, 53.1416

Deuteranopia

40.0720, 39.2402, 44.4918



Tritanopia

46.6078, 39.2486, 38.3769

Trichromacy



Original Color

48.1409, 39.1825, 45.5831

Protanomaly

41.1951, 38.6543, 50.0896

Deuteranomaly

42.6258, 39.0014, 44.8166

Tritanomaly

47.2002, 39.2686, 40.6892

Monochromacy



Original Color

48.1409, 39.1825, 45.5831

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

41.8752, 40.1587, 45.0795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1409, 39.1825, 45.5831 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(222, 146, 175)` looks like.

```
.text, #text, p{  
    color:rgb(222, 146, 175)  
}
```

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(222, 146, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 146, 175) }
```

Border

The CSS property to change the border of an element to XYZ 48.1409, 39.1825, 45.5831 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(222, 146, 175) }
```


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

```
.border{ border-color:rgb(222, 146, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 146, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 146, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 146, 175);  
box-shadow:4px 4px 4px 4px rgb(222, 146,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1409, 39.1825, 45.5831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 146, 175) }
```

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

```
.background{ background-color: rgb(222,  
146, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor