

Converting Colors

XYZ(45.6501, 35.3453, 39.1607)

Have a look what the booklet for
XYZ(45.6501, 35.3453, 39.1607)
contains.

XYZ(45.5674, 35.3825, 39.0782)	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(45.5674, 35.3825,
39.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	DF86A3
RGB	223, 134, 163
RGB Percent	87%, 53%, 64%
CMY	0.1255, 0.4745, 0.3608
CMYK	0.00, 0.40, 0.27, 0.13
HSL	340°, 58%, 70%
HSV	340°, 40%, 87%
XYZ	45.5674, 35.3825, 39.0782
YIQ	163.9170, 43.7350, 27.8870

Conversions

Conversions Part 2

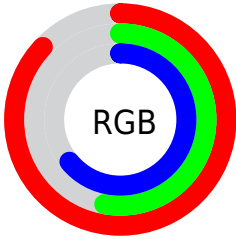
Format	Color
R _Y B	223, 134, 163
Decimal	14648995
CIE Lab	66.05, 37.69, -0.67
CIE LCh	66, 37.691, 358.977
Yxy	35.3825, 0.3796, 0.2948
Android (android.graphics.Color)	4292839075 (0xFFDF86A3)
YUV	163.9170, -0.4521, 51.8158
Hunter-Lab	59.4832, 32.6452, 2.6870

Details

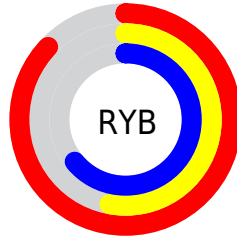
The XYZ color **45.5674, 35.3825, 39.0782** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.9584, 61.7397, 60.5367**, and the grayscale version is **35.2356, 37.0706, 40.3698**.

A 20% lighter version of the original color is **71.8781, 62.2884, 74.5641**, and **21.6124, 15.2893, 16.8510** is the 20% darker color. If you saturate the color by 10%, you get **41.5359, 29.3486, 31.4787**, and if you desaturate by 10%, it is **50.4108, 42.7835, 47.7393**.

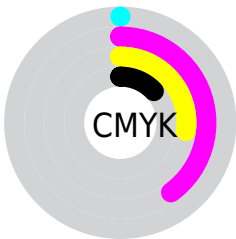
Distribution



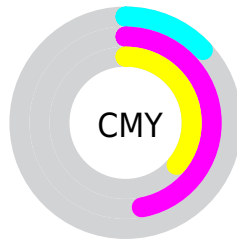
- Red (87%)
- Green (53%)
- Blue (64%)



- Red (87%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (27%)
- Black (13%)





- Cyan (13%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5674, 35.3825, 39.0782 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 45.5674, 35.3825, 39.0782 by changing the saturation by 10% instead.


 45.5674, 35.3825,
39.0782

 45.5674, 35.3825,
39.0782


359.8119,
326.2535, 357.6587


 32.1078, 23.9577,
26.5123


 82.8030, 68.0779,
74.9794

 21.5998, 15.3022,
16.9781


 107.3097, 90.1173,
99.1518

 13.6781, 9.0318,
10.0571

 136.2295,
116.4636, 128.0301

 7.9773, 4.7619,
5.3307

169.9277,
147.5013, 162.0328

 4.1321, 2.1083,
2.3805

208.7697,
183.6147, 201.5784

 1.7771, 0.6693,
0.7758

253.1208,

 0.5038, 0.0000,

225.1883, 247.0856

0.0000

303.3464,
272.6064, 298.9729

■ 0.0000, 0.0000,
0.0000

■ 45.5674, 35.3825,
39.0782

■ 45.5674, 35.3825,
39.0782

■ 41.5359, 29.3486,
31.4787

■ 50.4108, 42.7835,
47.7393

■ 38.2667, 24.5921,
24.8955

■ 56.1062, 51.6238,
57.5003

■ 35.7089, 21.0205,
19.2829

■ 62.6943, 61.9767,
68.4003

■ 33.8038, 18.5265,
14.5902

■ 70.2123, 73.9087,
80.4755

■ 32.4826, 16.9831,
10.7613

■ 78.6954, 87.4827,
93.7608

■ 31.6296, 16.1708,
7.7218

■ 83.9543, 94.3132,
106.8817

■ 31.6228, 16.1645,
7.6969

■ 84.2416, 94.4280,
108.3942

Harmonies

Analogous

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



43.7119, 35.3825, 56.6763



45.5674, 35.3825, 39.0782



43.9410, 35.3825, 25.4497

Triad

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



45.5674, 35.3825, 39.0782



28.6851, 35.3825, 17.3771



28.3870, 35.3825, 71.4000

Complementary

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



45.5674, 35.3825, 39.0782



45.9584, 61.7397, 60.5367

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.



25.0731, 35.3825, 55.4529



45.5674, 35.3825, 39.0782



25.2313, 35.3825, 24.7338

Square

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



45.5674, 35.3825, 39.0782



33.8224, 35.3825, 15.2096



23.9839, 35.3825, 37.9781



33.4383, 35.3825, 78.2468

Rectangle

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



45.5674, 35.3825, 39.0782



41.1930, 35.3825, 19.6498



23.9839, 35.3825, 37.9781



27.0545, 35.3825, 66.7419

Sweetspot

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



45.5684, 35.3842, 39.0789



82.9078, 80.7484, 89.3370



43.9232, 33.7611, 74.0139



17.4867, 16.8755, 18.6962



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.



45.5684, 35.3842, 39.0789



57.0654, 40.9227, 44.1625



45.4569, 38.8532, 27.6599



13.8904, 13.7738, 15.1931



18.6399, 9.5230, 4.7693



1.3322, 0.6761, 0.5421

Inverse Universe

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



45.5684, 35.3842, 39.0789



57.0654, 40.9227, 44.1625



45.7486, 55.5902, 78.1311



13.8904, 13.7738, 15.1931



18.6399, 9.5230, 4.7693



1.3322, 0.6761, 0.5421

Previews

White Background



This preview shows how the XYZ color 45.5674, 35.3825, 39.0782 looks on a white background.

Color Contrast Check

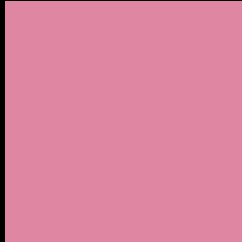
Large Text (above 18pt) WCAG AA × Fail

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 45.5674, 35.3825, 39.0782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

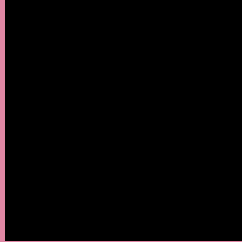
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.5674, 35.3825, 39.0782

Background



This preview shows how black text looks on a background with the XYZ color 45.5674, 35.3825, 39.0782.



This preview shows how white text looks on a background with the XYZ color 45.5674, 35.3825,

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

45.5674, 35.3825, 39.0782

Protanopia

35.0056, 35.7672, 47.7066

Deuteranopia

36.2779, 35.6272, 37.7656



Tritanopia

44.0309, 35.3701, 32.1102

Trichromacy



Original Color

45.5674, 35.3825, 39.0782

Protanomaly

37.9008, 35.0954, 44.3117

Deuteranomaly

39.1832, 35.1872, 37.9843

Tritanomaly

44.6781, 35.4378, 34.6224

Monochromacy



Original Color

45.5674, 35.3825, 39.0782

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

38.0997, 35.7771, 40.0196

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5674, 35.3825, 39.0782 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(223, 134, 163)` looks like.

```
.text, #text, p{  
    color:rgb(223, 134, 163)  
}
```

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(223, 134, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 134, 163) }
```

Border

The CSS property to change the border of an element to XYZ 45.5674, 35.3825, 39.0782 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(223, 134, 163) }
```


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

```
.border{ border-color:rgb(223, 134, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 134, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 134, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 134, 163);  
box-shadow:4px 4px 4px 4px rgb(223, 134,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5674, 35.3825, 39.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 134, 163) }
```

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

```
.background{ background-color: rgb(223,  
134, 163) }
```

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