

Converting Colors

XYZ(44.5189, 35.7594, 37.2922)

Have a look what the booklet for
XYZ(44.5189, 35.7594, 37.2922)
contains.

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Color

**XYZ(44.5599, 35.7402,
37.3509)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8A9F
RGB	219, 138, 159
RGB Percent	86%, 54%, 62%
CMY	0.1412, 0.4588, 0.3765
CMYK	0.00, 0.37, 0.27, 0.14
HSL	344°, 53%, 70%
HSV	344°, 37%, 86%
XYZ	44.5599, 35.7402, 37.3509
YIQ	164.6130, 41.5350, 23.7030

Conversions

Conversions Part 2

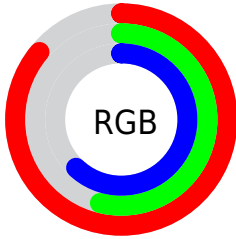
Format	Color
R _Y B	219, 138, 159
Decimal	14387871
CIE Lab	66.32, 33.59, 1.93
CIE LCh	66, 33.647, 3.284
Yxy	35.7402, 0.3787, 0.3038
Android (android.graphics.Color)	4292577951 (0xFFDB8A9F)
YUV	164.6130, -2.7672, 47.6974
Hunter-Lab	59.7831, 28.4262, 4.8054

Details

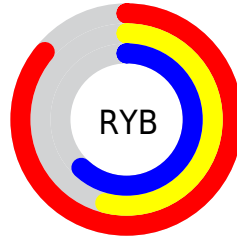
The XYZ color **44.5599, 35.7402, 37.3509** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.0074, 60.1444, 62.6132**, and the grayscale version is **35.5787, 37.4315, 40.7630**.

A 20% lighter version of the original color is **72.2272, 63.8143, 72.1289**, and **20.9349, 15.4197, 16.0603** is the 20% darker color. If you saturate the color by 10%, you get **40.4122, 29.5517, 29.4726**, and if you desaturate by 10%, it is **49.5279, 43.2730, 46.4151**.

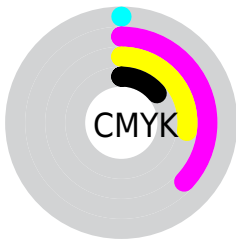
Distribution



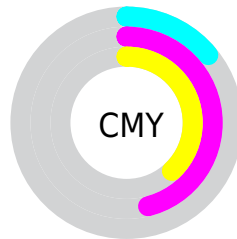
- Red (86%)
- Green (54%)
- Blue (62%)



- Red (86%)
- Yellow (54%)
- Blue (62%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (14%)





- Cyan (14%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5599, 35.7402, 37.3509 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 44.5599, 35.7402, 37.3509 by changing the saturation by 10% instead.


 44.5599, 35.7402,
37.3509


 44.5599, 35.7402,
37.3509

355.8020,
327.8236, 350.0416


 31.3107, 24.2336,
25.1814


 81.3007, 68.6309,
72.3045

 20.9886, 15.5070,
15.9920


 105.5231, 90.7838,
95.9256

 13.2280, 9.1760,
9.3642


 134.1339,
117.2542, 124.2011

 7.6638, 4.8561,
4.8794

167.4985,
148.4266, 157.5494

 3.9306, 2.1631,
2.1192

205.9823,
184.6853, 196.3890

 1.6629, 0.6998,
0.6272

249.9505,

 0.4329, 0.0000,

226.4148, 241.1386

0.0000

299.7686,
273.9994, 292.2166

■ 0.0000, 0.0000,
0.0000

■ 44.5599, 35.7402,
37.3509

■ 44.5599, 35.7402,
37.3509

■ 40.4122, 29.5517,
29.4726

■ 49.5279, 43.2730,
46.4151

■ 37.0363, 24.6228,
22.7275

■ 55.3550, 52.2178,
56.7102

■ 34.3832, 20.8675,
17.0623

■ 62.0811, 62.6439,
68.2815

■ 32.3968, 18.1862,
12.4180

■ 69.7429, 74.6147,
81.1715

■ 31.0119, 16.4632,
8.7294

■ 78.3747, 88.1896,
95.4204

■ 30.1455, 15.5476,
5.9211

■ 83.0235, 93.8001,
108.3372

■ 29.9463, 15.3532,
5.2259

Harmonies

Analogous

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



43.3538, 35.7402, 52.7302



44.5599, 35.7402, 37.3509



42.7057, 35.7402, 25.6170

Triad

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



44.5599, 35.7402, 37.3509



28.9379, 35.7402, 20.0612



29.8081, 35.7402, 69.2408

Complementary

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



44.5599, 35.7402, 37.3509



46.0074, 60.1444, 62.6132

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.



26.5151, 35.7402, 56.1650



44.5599, 35.7402, 37.3509



26.0485, 35.7402, 27.7518

Square

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



44.5599, 35.7402, 37.3509



33.4194, 35.7402, 17.3081



25.2068, 35.7402, 40.5222



34.5266, 35.7402, 73.6007

Rectangle

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



44.5599, 35.7402, 37.3509



40.0810, 35.7402, 20.6786



25.2068, 35.7402, 40.5222



28.5140, 35.7402, 65.5833

Sweetspot

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



44.5609, 35.7419, 37.3516



83.5785, 82.1241, 89.4550



45.0068, 35.2177, 71.4436



17.6106, 17.1459, 18.6679



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.



44.5609, 35.7419, 37.3516



58.4678, 43.8190, 44.3479



45.8422, 40.9768, 29.5400



13.1939, 13.1067, 14.2823



17.7948, 9.1190, 3.2997



1.1880, 0.6048, 0.3987

Inverse Universe

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



44.5609, 35.7419, 37.3516



58.4678, 43.8190, 44.3479



43.9462, 51.8738, 74.7145



13.1939, 13.1067, 14.2823



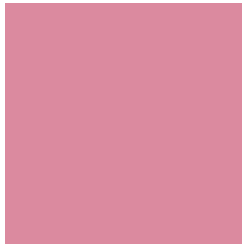
17.7948, 9.1190, 3.2997



1.1880, 0.6048, 0.3987

Previews

White Background



This preview shows how the XYZ color 44.5599, 35.7402, 37.3509 looks on a white background.

Color Contrast Check

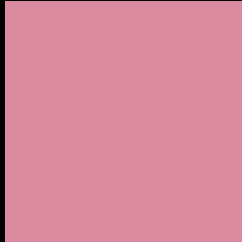
Large Text (above 18pt) WCAG AA × Fail

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 44.5599, 35.7402, 37.3509 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 44.5599, 35.7402, 37.3509

Background



This preview shows how black text looks on a background with the XYZ color 44.5599, 35.7402, 37.3509.



This preview shows how white text looks on a background with the XYZ color 44.5599, 35.7402,

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

44.5599, 35.7402, 37.3509

Protanopia

34.8892, 36.0454, 44.1483

Deuteranopia

36.4796, 35.7609, 36.4324



Tritanopia

43.7965, 35.8636, 33.4682

Trichromacy



Original Color

44.5599, 35.7402, 37.3509

Protanomaly

37.6577, 35.5176, 41.4300

Deuteranomaly

39.0814, 35.3985, 36.6711

Tritanomaly

43.8958, 35.6706, 34.7085

Monochromacy



Original Color

44.5599, 35.7402, 37.3509

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.3398, 36.4013, 39.6558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5599, 35.7402, 37.3509 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(219, 138, 159)` looks like.

```
.text, #text, p{  
    color:rgb(219, 138, 159)  
}
```

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(219, 138, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 138, 159) }
```

Border

The CSS property to change the border of an element to XYZ 44.5599, 35.7402, 37.3509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

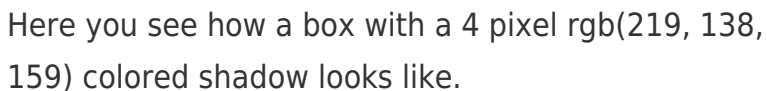
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 138, 159) }
```


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

```
.border{ border-color:rgb(219, 138, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 138, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 138, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 138, 159); box-shadow:4px 4px 4px 4px rgb(219, 138, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5599, 35.7402, 37.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 138, 159) }
```

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

```
.background{ background-color: rgb(219,  
138, 159) }
```

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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