

Converting Colors

XYZ(46.9082, 40.6694, 35.9625)

Have a look what the booklet for
XYZ(46.9082, 40.6694, 35.9625)
contains.

XYZ(46.9035, 40.6599, 35.9479)	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(46.9035, 40.6599,
35.9479)**

Conversions

Conversions Part 1

Format	Color
Hex	DC9A9A
RGB	220, 154, 154
RGB Percent	86%, 60%, 60%
CMY	0.1373, 0.3961, 0.3961
CMYK	0.00, 0.30, 0.30, 0.14
HSL	0°, 49%, 73%
HSV	0°, 30%, 86%
XYZ	46.9035, 40.6599, 35.9479
YIQ	173.7340, 39.3360, 13.9920

Conversions

Conversions Part 2

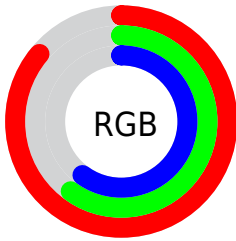
Format	Color
RYB	220, 154, 154
Decimal	14457498
CIELab	69.94, 24.70, 9.94
CIElCh	70, 26.623, 21.917
Yxy	40.6599, 0.3798, 0.3292
Android (android.graphics.Color)	4292647578 (0xFFDC9A9A)
YUV	173.7340, -9.7289, 40.5753
Hunter-Lab	63.7651, 19.7097, 11.2105

Details

The XYZ color **46.9035, 40.6599, 35.9479** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8370, 63.2216, 77.1811**, and the grayscale version is **40.1307, 42.2206, 45.9783**.

A 20% lighter version of the original color is **75.4256, 71.4150, 69.4836**, and **22.3038, 18.2685, 15.1826** is the 20% darker color. If you saturate the color by 10%, you get **41.9324, 33.3861, 26.0643**, and if you desaturate by 10%, it is **52.8780, 49.4026, 47.8236**.

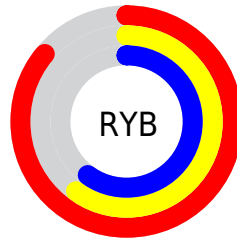
Distribution



Red (86%)

Green (60%)

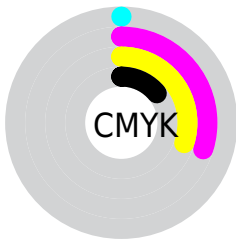
Blue (60%)



Red (86%)

Yellow (60%)

Blue (60%)

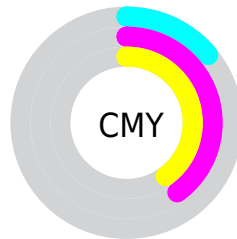


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (14%)



Cyan (14%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9035, 40.6599, 35.9479 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 46.9035, 40.6599, 35.9479 by changing the saturation by 10% instead.


 46.9035, 40.6599,
35.9479


 46.9035, 40.6599,
35.9479


365.0846,
348.8972, 343.7633

 33.1670, 28.0534,
24.1046


 84.7892, 76.1673,
70.1198

 22.4143, 18.3659,
15.1983

 109.6691, 99.8371,
93.2854

 14.2799, 11.2130,
8.8105

138.9941,
127.9634, 121.0623

 8.3986, 6.2103,
4.5227

173.1297,
160.9307, 153.8688

 4.4050, 2.9734,
1.9162

212.4412,
199.1233, 192.1237

 1.9337, 1.1179,
0.5030

257.2940,

 0.5963, 0.0000,

242.9257, 236.2454

0.0000

308.0533,
292.7221, 286.6524

■ 0.0000, 0.0000,
0.0000

■ 46.9035, 40.6599,
35.9479

■ 46.9035, 40.6599,
35.9479

■ 41.9324, 33.3861,
26.0643

■ 52.8780, 49.4026,
47.8236

■ 37.9066, 27.4952,
18.0614

■ 59.9031, 59.6823,
61.7894

■ 34.7673, 22.9013,
11.8207

■ 68.0272, 71.5700,
77.9399

■ 32.4475, 19.5068,
7.2094

■ 77.2945, 85.1306,
96.3633

■ 30.8710, 17.1998,
4.0758

■ 83.3252, 93.9557,
108.3513

■ 29.9473, 15.8480,
2.2397

■ 29.5154, 15.2160,
1.3814

■ 29.5154, 15.2160,
1.3813

Harmonies

Analogous

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



47.4971, 40.6599, 47.7126



46.9035, 40.6599, 35.9479



44.0169, 40.6599, 28.0188

Triad

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



46.9035, 40.6599, 35.9479



32.4511, 40.6599, 31.1232



37.4862, 40.6599, 72.3518

Complementary

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



46.9035, 40.6599, 35.9479



51.8370, 63.2216, 77.1811

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.



33.7308, 40.6599, 65.8380



46.9035, 40.6599, 35.9479



30.9691, 40.6599, 41.0004

Square

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



46.9035, 40.6599, 35.9479



35.6183, 40.6599, 25.6175



31.4195, 40.6599, 53.7904



41.8406, 40.6599, 70.3072

Rectangle

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



46.9035, 40.6599, 35.9479



41.2906, 40.6599, 25.2401



31.4195, 40.6599, 53.7904



36.1169, 40.6599, 71.0532

Sweetspot

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



46.9046, 40.6618, 35.9487



84.6837, 84.8313, 88.2919



53.9893, 43.4946, 73.2600



17.7929, 17.6702, 18.2363



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.



46.9046, 40.6618, 35.9487



61.0026, 50.1792, 41.2147



53.1185, 53.0897, 38.0200



13.0562, 13.0517, 13.5567



17.3223, 8.9302, 0.8107



1.1222, 0.5786, 0.0525

Inverse Universe

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



51.8370, 63.2216, 77.1811



68.9533, 86.5437, 107.6781



44.0154, 47.5784, 74.5739



13.4448, 14.8294, 16.8059



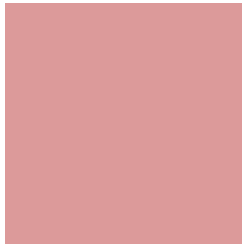
22.5998, 33.0690, 44.9302



1.4641, 2.1424, 2.9108

Previews

White Background



This preview shows how the XYZ color 46.9035, 40.6599, 35.9479 looks on a white background.

Color Contrast Check

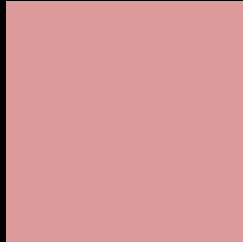
Large Text (above 18pt) WCAG AA × Fail

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 46.9035, 40.6599, 35.9479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

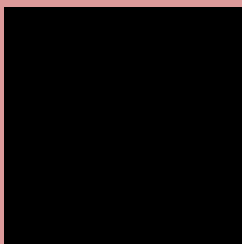
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.9035, 40.6599, 35.9479

Background



This preview shows how black text looks on a background with the XYZ color 46.9035, 40.6599, 35.9479.



This preview shows how white text looks on a background with the XYZ color 46.9035, 40.6599,

35.9479.

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

46.9035, 40.6599, 35.9479

Protanopia

39.0783, 41.0003, 40.5045

Deuteranopia

41.6283, 40.7794, 35.3829



Tritanopia

47.7479, 40.5090, 40.4244

Trichromacy



Original Color

46.9035, 40.6599, 35.9479

Protanomaly

41.5385, 40.6548, 38.9156

Deuteranomaly

43.3965, 40.6270, 35.6915

Tritanomaly

47.5552, 40.6927, 38.6057

Monochromacy



Original Color

46.9035, 40.6599, 35.9479

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.2796, 41.5038, 42.3419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9035, 40.6599, 35.9479 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(220, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(220, 154, 154)  
}
```

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(220, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 46.9035, 40.6599, 35.9479 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(220, 154, 154) }
```


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

```
.border{ border-color:rgb(220, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(220, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9035, 40.6599, 35.9479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 154, 154) }
```

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

```
.background{ background-color: rgb(220,  
154, 154) }
```

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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