

Converting Colors

XYZ(43.8524, 35.0032, 35.0192)

Have a look what the booklet for
XYZ(43.8524, 35.0032, 35.0192)
contains.

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Color

**XYZ(43.8503, 35.0015,
35.0166)**

Conversions

Conversions Part 1

Format	Color
Hex	DB889A
RGB	219, 136, 154
RGB Percent	86%, 53%, 60%
CMY	0.1412, 0.4666, 0.3961
CMYK	0.00, 0.38, 0.30, 0.14
HSL	347°, 54%, 70%
HSV	347°, 38%, 86%
XYZ	43.8503, 35.0015, 35.0166
YIQ	162.8690, 43.6900, 23.1940

Conversions

Conversions Part 2

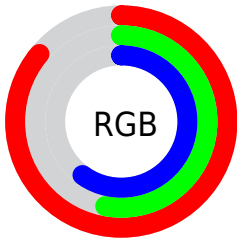
Format	Color
R _Y B	219, 136, 154
Decimal	14387354
CIE Lab	65.75, 33.98, 3.92
CIE LCh	66, 34.206, 6.585
Yxy	35.0015, 0.3851, 0.3074
Android (android.graphics.Color)	4292577434 (0xFFDB889A)
YUV	162.8690, -4.3724, 49.2269
Hunter-Lab	59.1621, 28.7687, 6.3211

Details

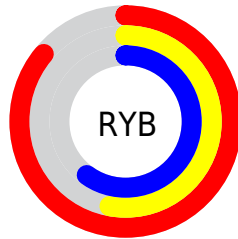
The XYZ color **43.8503, 35.0015, 35.0166** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **46.0291, 60.1151, 64.4390**, and the grayscale version is **34.7574, 36.5675, 39.8220**.

A 20% lighter version of the original color is **71.0386, 62.6410, 68.0213**, and **20.5970, 15.1577, 14.6721** is the 20% darker color. If you saturate the color by 10%, you get **39.7473, 28.9204, 27.0975**, and if you desaturate by 10%, it is **48.7895, 42.4278, 44.2222**.

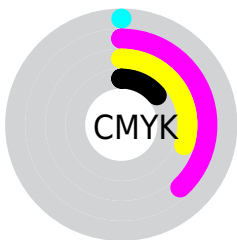
Distribution



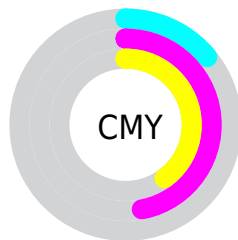
- Red (86%)
- Green (53%)
- Blue (60%)



- Red (86%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (30%)
- Black (14%)





- Cyan (14%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8503, 35.0015, 35.0166 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 43.8503, 35.0015, 35.0166 by changing the saturation by 10% instead.


 43.8503, 35.0015,
35.0166


 43.8503, 35.0015,
35.0166


352.9596,
324.5750, 339.5481


 30.7502, 23.6640,
23.3920


 80.2402, 67.4881,
68.6633

 20.5596, 15.0846,
14.6752


 104.2607, 89.4060,
91.5226

 12.9131, 8.8788,
8.4477


 132.6521,
115.6195, 118.9638

 7.4453, 4.6622,
4.2909

165.7797,
146.5130, 151.4055

 3.7909, 2.0505,
1.7862

204.0089,
182.4709, 189.2662

 1.5845, 0.6365,
0.4188

247.7051,

 0.3823, 0.0000,

223.8776, 232.9645

0.0000

297.2335,
271.1175, 282.9190

■ 0.0000, 0.0000,
0.0000

■ 43.8503, 35.0015,
35.0166

■ 43.8503, 35.0015,
35.0166

■ 39.7473, 28.9204,
27.0975

■ 48.7895, 42.4278,
44.2222

■ 36.4303, 24.0988,
20.4047

■ 54.6055, 51.2683,
54.7667

■ 33.8483, 20.4490,
14.8758

■ 61.3396, 61.5931,
66.7021

■ 31.9425, 17.8695,
10.4423

■ 69.0297, 73.4664,
80.0769

■ 30.6450, 16.2418,
7.0276

■ 77.7115, 86.9484,
94.9373

■ 29.8630, 15.3999,
4.5410

■ 83.0235, 93.8001,
108.3372

■ 29.7364, 15.2693,
4.1208

Harmonies

Analogous

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



42.9739, 35.0015, 50.2346



43.8503, 35.0015, 35.0166



41.6696, 35.0015, 23.8500

Triad

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



43.8503, 35.0015, 35.0166



27.8211, 35.0015, 19.8904



29.5644, 35.0015, 69.6638

Complementary

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



43.8503, 35.0015, 35.0166



46.0291, 60.1151, 64.4390

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.



26.0790, 35.0015, 57.1554



43.8503, 35.0015, 35.0166



25.1458, 35.0015, 28.1135

Square

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



43.8503, 35.0015, 35.0166



32.1692, 35.0015, 16.6581



24.5417, 35.0015, 41.3819



34.3913, 35.0015, 72.8537

Rectangle

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



43.8503, 35.0015, 35.0166



38.8936, 35.0015, 19.3252



24.5417, 35.0015, 41.3819



28.2126, 35.0015, 66.2793

Sweetspot

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



43.8513, 35.0032, 35.0173



83.4079, 82.0558, 88.5569



45.3132, 34.9536, 71.3764



17.5702, 17.1298, 18.4552



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.



43.8513, 35.0032, 35.0173



57.4581, 42.8107, 40.8944



45.9082, 41.3386, 28.8543



13.1710, 13.0975, 14.1619



17.6656, 9.0673, 2.6189



1.1767, 0.6003, 0.3396

Inverse Universe

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



43.8513, 35.0032, 35.0173



57.4581, 42.8107, 40.8944



42.8769, 50.2220, 74.4519



13.1710, 13.0975, 14.1619



17.6656, 9.0673, 2.6189



1.1767, 0.6003, 0.3396

Previews

White Background



This preview shows how the XYZ color 43.8503, 35.0015, 35.0166 looks on a white background.

Color Contrast Check

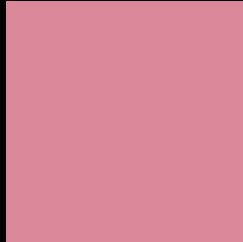
Large Text (above 18pt) WCAG AA × Fail

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 43.8503, 35.0015, 35.0166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

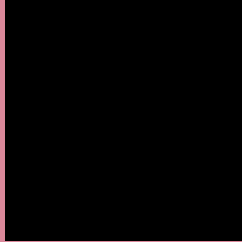
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8503, 35.0015, 35.0166

Background



This preview shows how black text looks on a background with the XYZ color 43.8503, 35.0015, 35.0166.



This preview shows how white text looks on a background with the XYZ color 43.8503, 35.0015,

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

43.8503, 35.0015, 35.0166

Protanopia

34.0711, 35.1634, 41.5507

Deuteranopia

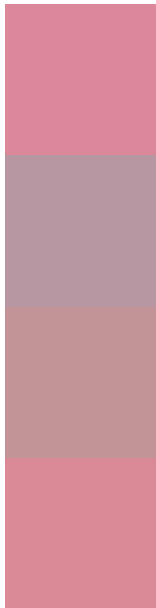
35.8977, 35.2608, 34.1922



Tritanopia

43.1256, 34.9033, 32.0678

Trichromacy



Original Color

43.8503, 35.0015, 35.0166

Protanomaly

36.8796, 34.6869, 38.9339

Deuteranomaly

38.5055, 34.9161, 34.4158

Tritanomaly

43.3641, 34.9988, 33.3241

Monochromacy



Original Color

43.8503, 35.0015, 35.0166

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.2648, 35.3878, 38.1242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8503, 35.0015, 35.0166 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, 136, 154)` looks like.

```
.text, #text, p{  
    color:rgb(219, 136, 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(219, 136, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 136, 154) }
```

Border

The CSS property to change the border of an element to XYZ 43.8503, 35.0015, 35.0166 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, 136, 154) }
```


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

```
.border{ border-color:rgb(219, 136, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 136, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 136, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 136, 154);  
box-shadow:4px 4px 4px 4px rgb(219, 136,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8503, 35.0015, 35.0166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 136, 154) }
```

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

```
.background{ background-color: rgb(219,  
136, 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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