

Converting Colors

XYZ(43.8499, 35.7112, 34.7188)

Have a look what the booklet for
XYZ(43.8499, 35.7112, 34.7188)
contains.

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Color

**XYZ(43.8958, 35.6706,
34.7085)**

Conversions

Conversions Part 1

Format	Color
Hex	DA8B99
RGB	218, 139, 153
RGB Percent	85%, 55%, 60%
CMY	0.1451, 0.4549, 0.4000
CMYK	0.00, 0.36, 0.30, 0.15
HSL	349°, 52%, 70%
HSV	349°, 36%, 85%
XYZ	43.8958, 35.6706, 34.7085
YIQ	164.2170, 42.5900, 21.1020

Conversions

Conversions Part 2

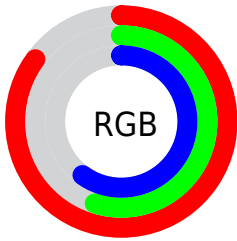
Format	Color
R _Y B	218, 139, 153
Decimal	14322585
CIE Lab	66.27, 31.88, 5.22
CIE LCh	66, 32.307, 9.295
Yxy	35.6706, 0.3841, 0.3121
Android (android.graphics.Color)	4292512665 (0xFFDA8B99)
YUV	164.2170, -5.5300, 47.1677
Hunter-Lab	59.7249, 26.6731, 7.3516

Details

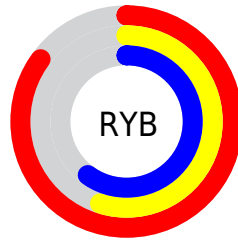
The XYZ color **43.8958, 35.6706, 34.7085** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.6196, 59.9922, 66.2525**, and the grayscale version is **35.4021, 37.2458, 40.5607**.

A 20% lighter version of the original color is **71.5724, 63.9049, 67.5941**, and **20.5859, 15.5158, 14.4802** is the 20% darker color. If you saturate the color by 10%, you get **39.6764, 29.4271, 26.5338**, and if you desaturate by 10%, it is **48.9693, 43.2653, 44.2675**.

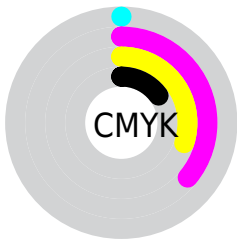
Distribution



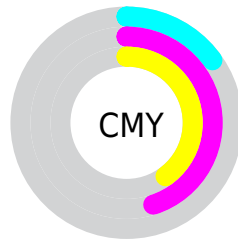
- Red (85%)
- Green (55%)
- Blue (60%)



- Red (85%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (36%)
- Yellow (30%)
- Black (15%)





- Cyan (15%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.8958, 35.6706, 34.7085 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 43.8958, 35.6706, 34.7085 by changing the saturation by 10% instead.


 43.8958, 35.6706,
34.7085


 43.8958, 35.6706,
34.7085


353.1423,
327.5185, 338.1449


 30.7862, 24.1799,
23.1567


 80.3082, 68.5233,
68.1804

 20.5871, 15.4671,
14.5028


 104.3418, 90.6542,
90.9375

 12.9333, 9.1479,
8.3285


 132.7473,
117.1005, 118.2668

 7.4593, 4.8378,
4.2151

165.8901,
148.2467, 150.5868

 3.7998, 2.1524,
1.7441

204.1357,
184.4773, 188.3161

 1.5895, 0.6938,
0.3907

247.8494,

 0.3856, 0.0000,

226.1765, 231.8732

0.0000

297.3964,
273.7287, 281.6766

■ 0.0000, 0.0000,
0.0000

■ 43.8958, 35.6706,
34.7085

■ 43.8958, 35.6706,
34.7085

■ 39.6764, 29.4271,
26.5338

■ 48.9693, 43.2653,
44.2675

■ 36.2606, 24.4505,
19.6765

■ 54.9377, 52.2788,
55.2691

■ 33.5971, 20.6550,
14.0675

■ 61.8427, 62.7803,
67.7709

■ 31.6274, 17.9420,
9.6299

■ 69.7226, 74.8329,
81.8264

■ 30.2838, 16.1967,
6.2786

■ 78.6135, 88.4962,
97.4868

■ 29.4834, 15.2759,
3.9151

■ 82.7235, 93.6454,
108.3231

■ 29.2734, 15.0494,
3.2487

Harmonies

Analogous

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



43.3318, 35.6706, 48.9983



43.8958, 35.6706, 34.7085



41.5929, 35.6706, 24.3395

Triad

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



43.8958, 35.6706, 34.7085



28.3672, 35.6706, 21.7082



30.7319, 35.6706, 69.3292

Complementary

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



43.8958, 35.6706, 34.7085



46.6196, 59.9922, 66.2525

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.



27.2261, 35.6706, 58.1879



43.8958, 35.6706, 34.7085



25.9534, 35.6706, 30.1914

Square

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



43.8958, 35.6706, 34.7085



32.4290, 35.6706, 18.0945



25.5564, 35.6706, 43.2853



35.4227, 35.6706, 71.3583

Rectangle

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



43.8958, 35.6706, 34.7085



38.8592, 35.6706, 20.1976



25.5564, 35.6706, 43.2853



29.3888, 35.6706, 66.4183

Sweetspot

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



43.8968, 35.6723, 34.7092



83.2495, 81.9924, 87.7224



46.6582, 36.2982, 70.8768



17.5327, 17.1148, 18.2577



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.



43.8968, 35.6723, 34.7092



58.1901, 44.3264, 40.9795



46.8533, 43.3280, 30.3221



13.1497, 13.0890, 14.0498



17.5658, 9.0274, 2.0937



1.1668, 0.5963, 0.2871

Inverse Universe

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



43.8968, 35.6723, 34.7092



58.1901, 44.3264, 40.9795



42.3700, 48.6848, 73.4937



13.1497, 13.0890, 14.0498



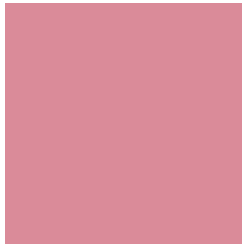
17.5658, 9.0274, 2.0937



1.1668, 0.5963, 0.2871

Previews

White Background



This preview shows how the XYZ color 43.8958, 35.6706, 34.7085 looks on a white background.

Color Contrast Check

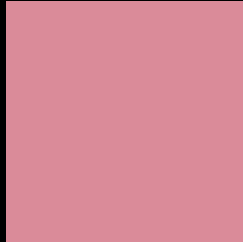
Large Text (above 18pt) WCAG AA × Fail

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 43.8958, 35.6706, 34.7085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

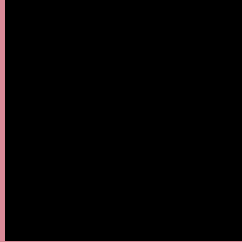
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8958, 35.6706, 34.7085

Background



This preview shows how black text looks on a background with the XYZ color 43.8958, 35.6706, 34.7085.



This preview shows how white text looks on a background with the XYZ color 43.8958, 35.6706,

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

43.8958, 35.6706, 34.7085

Protanopia

34.6407, 35.9929, 40.7189

Deuteranopia

36.4495, 35.8027, 33.8437



Tritanopia

43.7965, 35.8636, 33.4682

Trichromacy



Original Color

43.8958, 35.6706, 34.7085

Protanomaly

37.3527, 35.4230, 38.5868

Deuteranomaly

38.7404, 35.5164, 34.0917

Tritanomaly

43.8774, 35.8960, 33.8942

Monochromacy



Original Color

43.8958, 35.6706, 34.7085

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

37.8337, 36.1711, 38.2454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8958, 35.6706, 34.7085 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(218, 139, 153)` looks like.

```
.text, #text, p{  
    color:rgb(218, 139, 153)  
}
```

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(218, 139, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 139, 153) }
```

Border

The CSS property to change the border of an element to XYZ 43.8958, 35.6706, 34.7085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

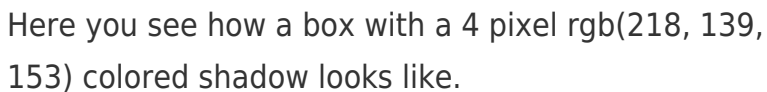
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 139, 153) }
```


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

```
.border{ border-color:rgb(218, 139, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 139, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 139, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 139, 153); box-shadow:4px 4px 4px 4px rgb(218, 139, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8958, 35.6706, 34.7085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 139, 153) }
```

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

```
.background{ background-color: rgb(218,  
139, 153) }
```

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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