

Converting Colors

XYZ(42.7481, 39.4420, 35.6740)

Have a look what the booklet for
XYZ(42.7481, 39.4420, 35.6740)
contains.

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Color

**XYZ(42.8785, 39.5910,
35.5189)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9E99
RGB	204, 158, 153
RGB Percent	80%, 62%, 60%
CMY	0.2000, 0.3804, 0.4000
CMYK	0.00, 0.23, 0.25, 0.20
HSL	6°, 33%, 70%
HSV	6°, 25%, 80%
XYZ	42.8785, 39.5910, 35.5189
YIQ	171.1840, 29.0210, 8.1970

Conversions

Conversions Part 2

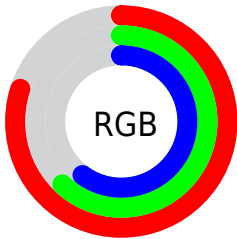
Format	Color
RYB	204, 159, 153
Decimal	13409945
CIELab	69.18, 16.33, 9.18
CIELCh	69, 18.735, 29.339
Yxy	39.5910, 0.3634, 0.3355
Android (android.graphics.Color)	4291600025 (0xFFCC9E99)
YUV	171.1840, -8.9647, 28.7796
Hunter-Lab	62.9214, 11.5285, 10.5760

Details

The XYZ color **42.8785, 39.5910, 35.5189** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.4589, 51.9774, 64.8165**, and the grayscale version is **38.8355, 40.8579, 44.4943**.

A 20% lighter version of the original color is **76.2967, 73.3535, 69.1689**, and **19.9467, 17.6569, 14.9272** is the 20% darker color. If you saturate the color by 10%, you get **38.4288, 33.1613, 26.4215**, and if you desaturate by 10%, it is **48.0883, 47.0793, 46.2917**.

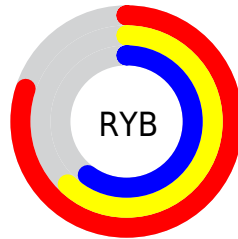
Distribution



Red (80%)

Green (62%)

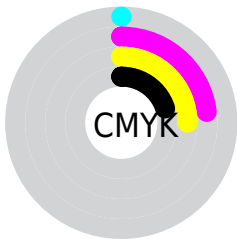
Blue (60%)



Red (80%)

Yellow (62%)

Blue (60%)

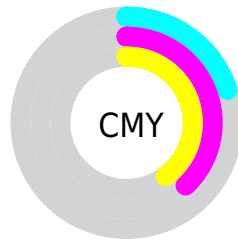


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8785, 39.5910, 35.5189 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 42.8785, 39.5910, 35.5189 by changing the saturation by 10% instead.


 42.8785, 39.5910,
35.5189


 42.8785, 39.5910,
35.5189


349.0419,
344.3967, 341.8264

 29.9839, 27.2198,
23.7761


 78.7843, 74.5403,
69.4495

 19.9744, 17.7384,
14.9570


 102.5263, 97.8872,
92.4744

 12.4846, 10.7623,
8.6429


130.6147,
125.6614, 120.0971

 7.1491, 5.9072,
4.4154

163.4150,
158.2474, 152.7362

 3.6027, 2.7888,
1.8559

201.2925,
196.0295, 190.8101

 1.4799, 1.0225,
0.4644

244.6126,

 0.3121, 0.0000,

239.3922, 234.7374

0.0000

293.7406,
288.7198, 284.9367

■ 0.0000, 0.0000,
0.0000

■ 42.8785, 39.5910,
35.5189

■ 42.8785, 39.5910,
35.5189

■ 38.4288, 33.1613,
26.4215

■ 48.0883, 47.0793,
46.2917

■ 34.7005, 27.7372,
18.9129

■ 54.0881, 55.6651,
58.8157

■ 31.6564, 23.2693,
12.9026

■ 60.9100, 65.3922,
73.1649

■ 29.2545, 19.7022,
8.2900

■ 68.5837, 76.3003,
89.4084

■ 27.4485, 16.9744,
4.9618

■ 77.1368, 88.4271,
107.6103

■ 26.1853, 15.0168,
2.7873

■ 78.7120, 91.5774,
108.1354

■ 25.4025, 13.7491,
1.6079

■ 25.1524, 13.3383,
1.2489

Harmonies

Analogous

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



43.6892, 39.5910, 43.2984



42.8785, 39.5910, 35.5189



40.6448, 39.5910, 30.4166

Triad

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



42.8785, 39.5910, 35.5189



32.8891, 39.5910, 35.2301



37.5637, 39.5910, 61.7987

Complementary

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



42.8785, 39.5910, 35.5189



44.4589, 51.9774, 64.8165

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.



34.7682, 39.5910, 58.9139



42.8785, 39.5910, 35.5189



32.1587, 39.5910, 42.9179

Square

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



42.8785, 39.5910, 35.5189



34.8774, 39.5910, 30.2661



32.8284, 39.5910, 51.7074



40.5238, 39.5910, 59.1485

Rectangle

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



42.8785, 39.5910, 35.5189



38.7058, 39.5910, 28.8423



32.8284, 39.5910, 51.7074



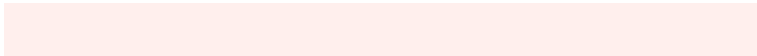
36.5744, 39.5910, 61.4388

Sweetspot

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



42.8796, 39.5928, 35.5197



87.3856, 89.0585, 92.8200



46.6896, 39.7788, 59.7081



18.5695, 18.8698, 19.5858



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.



42.8796, 39.5928, 35.5197



66.8863, 59.6147, 50.3647



47.5340, 48.9016, 37.0712



11.2994, 11.3878, 11.6820



15.8627, 8.4584, 0.7966



0.8493, 0.4983, 0.0514

Inverse Universe

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



44.4589, 51.9774, 64.8165



69.9371, 83.5684, 107.0520



39.2208, 41.5012, 63.0704



11.4456, 12.5315, 14.3860



17.6847, 24.3934, 39.7326



0.9402, 1.3142, 2.0591

Previews

White Background



This preview shows how the XYZ color 42.8785, 39.5910, 35.5189 looks on a white background.

Color Contrast Check

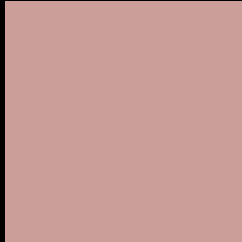
Large Text (above 18pt) WCAG AA × Fail

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 42.8785, 39.5910, 35.5189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

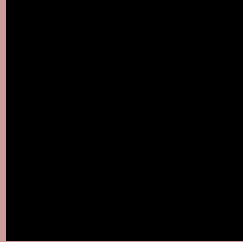
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8785, 39.5910, 35.5189

Background



This preview shows how black text looks on a background with the XYZ color 42.8785, 39.5910, 35.5189.



This preview shows how white text looks on a background with the XYZ color 42.8785, 39.5910,

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

42.8785, 39.5910, 35.5189

Protanopia

37.9398, 39.6224, 38.4491

Deuteranopia

40.5029, 39.6679, 35.2277



Tritanopia

44.4099, 39.7259, 42.3730

Trichromacy



Original Color

42.8785, 39.5910, 35.5189

Protanomaly

39.6110, 39.4243, 37.4202

Deuteranomaly

41.1773, 39.4925, 35.1583

Tritanomaly

43.8447, 39.7374, 40.0096

Monochromacy



Original Color

42.8785, 39.5910, 35.5189

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8655, 40.0201, 40.7455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8785, 39.5910, 35.5189 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(204, 158, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 158, 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(204, 158, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 158, 153) }
```

Border

The CSS property to change the border of an element to XYZ 42.8785, 39.5910, 35.5189 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(204, 158, 153) }
```


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

```
.border{ border-color:rgb(204, 158, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 158, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 158, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 158, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 158,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8785, 39.5910, 35.5189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 158, 153) }
```

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

```
.background{ background-color: rgb(204,  
158, 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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