

Converting Colors

XYZ(42.7146, 39.5255, 34.6560)

Have a look what the booklet for
XYZ(42.7146, 39.5255, 34.6560)
contains.

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Color

**XYZ(42.7146, 39.5255,
34.6560)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9E97
RGB	204, 158, 151
RGB Percent	80%, 62%, 59%
CMY	0.2000, 0.3804, 0.4078
CMYK	0.00, 0.23, 0.26, 0.20
HSL	8°, 34%, 70%
HSV	8°, 26%, 80%
XYZ	42.7146, 39.5255, 34.6560
YIQ	170.9560, 29.6630, 7.5750

Conversions

Conversions Part 2

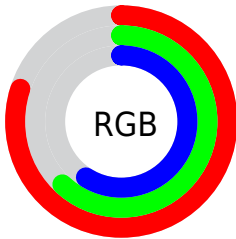
Format	Color
R _Y B	204, 159, 151
Decimal	13409943
CIE Lab	69.13, 16.05, 10.22
CIE LCh	69, 19.025, 32.502
Yxy	39.5255, 0.3654, 0.3381
Android (android.graphics.Color)	4291600023 (0xFFCC9E97)
YUV	170.9560, -9.8383, 28.9796
Hunter-Lab	62.8693, 11.2550, 11.3256

Details

The XYZ color **42.7146, 39.5255, 34.6560** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.6271, 50.8697, 64.6463**, and the grayscale version is **38.7249, 40.7416, 44.3676**.

A 20% lighter version of the original color is **76.0537, 73.2563, 67.8890**, and **19.8487, 17.6177, 14.4110** is the 20% darker color. If you saturate the color by 10%, you get **38.3938, 33.3096, 25.7371**, and if you desaturate by 10%, it is **47.7593, 46.7298, 45.2314**.

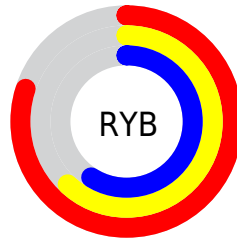
Distribution



Red (80%)

Green (62%)

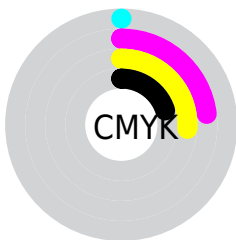
Blue (59%)



Red (80%)

Yellow (62%)

Blue (59%)

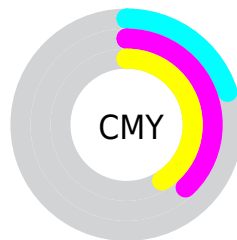


Cyan (0%)

Magenta (23%)

Yellow (26%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7146, 39.5255, 34.6560 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 42.7146, 39.5255, 34.6560 by changing the saturation by 10% instead.


 42.7146, 39.5255,
34.6560


 42.7146, 39.5255,
34.6560


348.3782,
344.1196, 337.9053

 29.8548, 27.1688,
23.1166


 78.5384, 74.4404,
68.0980

 19.8759, 17.7000,
14.4735

 102.2331, 97.7674,
90.8377

 12.4126, 10.7348,
8.3082


130.2702,
125.5199, 118.1479

 7.0995, 5.8888,
4.2022

163.0150,
158.0824, 150.4471

 3.5713, 2.7776,
1.7369

200.8328,
195.8392, 188.1540

 1.4626, 1.0168,
0.3859

244.0890,

 0.3002, 0.0000,

239.1747, 231.6869

0.0000

293.1490,
288.4734, 281.4645

0.0000, 0.0000,
0.0000

42.7146, 39.5255,
34.6560

42.7146, 39.5255,
34.6560

38.3938, 33.3096,
25.7371

47.7593, 46.7298,
45.2314

34.7604, 28.0338,
18.3883

53.5558, 54.9573,
57.5389

31.7796, 23.6536,
12.5192

60.1344, 64.2479,
71.6521

29.4121, 20.1191,
8.0289

67.5228, 74.6376,
87.6401

27.6144, 17.3753,
4.8042

75.7475, 86.1609,
105.5679

■ 26.3370, 15.3606,
2.7135

■ 78.7119, 91.5774,
108.1354

■ 25.5211, 14.0038,
1.5934

■ 25.2929, 13.6194,
1.2957

Harmonies

Analogous

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



43.7133, 39.5255, 42.3101



42.7146, 39.5255, 34.6560



40.3309, 39.5255, 29.8334

Triad

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



42.7146, 39.5255, 34.6560



32.6193, 39.5255, 35.7629



37.8235, 39.5255, 62.0142

Complementary

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



42.7146, 39.5255, 34.6560



43.6271, 50.8697, 64.6463

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.



34.9339, 39.5255, 59.6532



42.7146, 39.5255, 34.6560



32.0271, 39.5255, 43.7713

Square

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



42.7146, 39.5255, 34.6560



34.5146, 39.5255, 30.4093



32.8520, 39.5255, 52.6697



40.7959, 39.5255, 58.7496

Rectangle

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



42.7146, 39.5255, 34.6560



38.3355, 39.5255, 28.4855



32.8520, 39.5255, 52.6697



36.8105, 39.5255, 61.8522

Sweetspot

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



42.7157, 39.5273, 34.6568



86.5476, 87.9750, 90.7139



46.1406, 39.0397, 58.4190



18.2029, 18.3739, 18.7315



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.



42.7157, 39.5273, 34.6568



66.7142, 59.6779, 49.0511



47.5628, 49.2216, 36.2725



11.3299, 11.4487, 11.6921



15.9586, 8.6502, 0.8285



0.8634, 0.5266, 0.0561

Inverse Universe

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



43.6271, 50.8697, 64.6463



68.4605, 81.4789, 106.7265



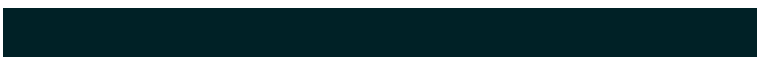
38.2848, 40.1849, 62.8655



11.4119, 12.4643, 14.3747



16.8098, 22.6436, 39.4410



0.9032, 1.2401, 2.0467

Previews

White Background



This preview shows how the XYZ color 42.7146, 39.5255, 34.6560 looks on a white background.

Color Contrast Check

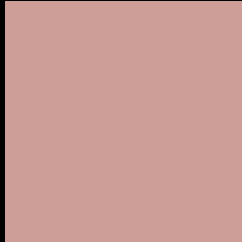
Large Text (above 18pt) WCAG AA × Fail

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 42.7146, 39.5255, 34.6560 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 42.7146, 39.5255, 34.6560

Background



This preview shows how black text looks on a background with the XYZ color 42.7146, 39.5255, 34.6560.



This preview shows how white text looks on a background with the XYZ color 42.7146, 39.5255,

34.6560.

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

42.7146, 39.5255, 34.6560

Protanopia

37.6826, 39.5195, 37.0944

Deuteranopia

40.3404, 39.6029, 34.3721



Tritanopia

44.3171, 39.6888, 41.8841

Trichromacy



Original Color

42.7146, 39.5255, 34.6560

Protanomaly

39.3579, 39.3231, 36.0876

Deuteranomaly

41.0148, 39.4275, 34.3027

Tritanomaly

43.6668, 39.6663, 39.0731

Monochromacy



Original Color

42.7146, 39.5255, 34.6560

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 42.7146, 39.5255, 34.6560 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(204, 158, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 158, 151) }
```

Border

The CSS property to change the border of an element to XYZ 42.7146, 39.5255, 34.6560 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, 151) }
```


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

```
.border{ border-color:rgb(204, 158, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 158, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 158, 151);  
box-shadow:4px 4px 4px 4px rgb(204, 158,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7146, 39.5255, 34.6560 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, 151) }
```

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

```
.background{ background-color: rgb(204,  
158, 151) }
```

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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