

Converting Colors

XYZ(39.6788, 34.0746, 42.1203)

Have a look what the booklet for
XYZ(39.6788, 34.0746, 42.1203)
contains.

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Color

**XYZ(39.5994, 33.9463,
42.0013)**

Conversions

Conversions Part 1

Format	Color
Hex	C48EA9
RGB	196, 142, 169
RGB Percent	77%, 56%, 66%
CMY	0.2314, 0.4431, 0.3373
CMYK	0.00, 0.28, 0.14, 0.23
HSL	330°, 31%, 66%
HSV	330°, 28%, 77%
XYZ	39.5994, 33.9463, 42.0013
YIQ	161.2240, 23.5170, 19.8450

Conversions

Conversions Part 2

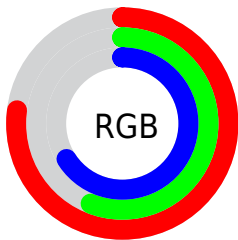
Format	Color
R _Y B	196, 142, 169
Decimal	12881577
CIE Lab	64.92, 24.65, -6.07
CIE LCh	65, 25.384, 346.159
Yxy	33.9463, 0.3427, 0.2938
Android (android.graphics.Color)	4291071657 (0xFFC48EA9)
YUV	161.2240, 3.8336, 30.4986
Hunter-Lab	58.2635, 19.3585, -1.9569

Details

The XYZ color **39.5994, 33.9463, 42.0013** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.0581, 48.0962, 44.8160**, and the grayscale version is **33.9563, 35.7246, 38.9041**.

A 20% lighter version of the original color is **73.7025, 65.7443, 79.3264**, and **17.9365, 14.4292, 18.6694** is the 20% darker color. If you saturate the color by 10%, you get **36.0499, 28.2646, 36.4477**, and if you desaturate by 10%, it is **43.7326, 40.6841, 48.0906**.

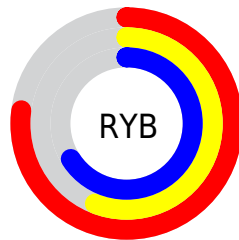
Distribution



Red (77%)

Green (56%)

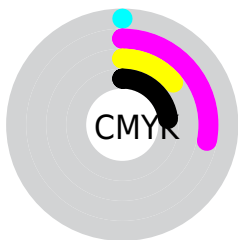
Blue (66%)



Red (77%)

Yellow (56%)

Blue (66%)

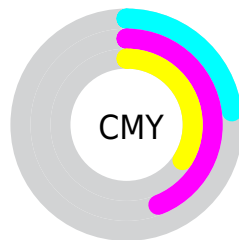


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (23%)



Cyan (23%)


Magenta (44%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5994, 33.9463, 42.0013 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 39.5994, 33.9463, 42.0013 by changing the saturation by 10% instead.


 39.5994, 33.9463,
42.0013

 39.5994, 33.9463,
42.0013

335.5957,
319.8925, 370.2881


 27.4092, 22.8523,
28.7767


 73.8413, 65.8502,
79.4717

 18.0189, 14.4845,
18.6679


 96.6237, 87.4288,
104.5546

 11.0633, 8.4584,
11.2562


 123.6676,
113.2712, 134.4274

 6.1771, 4.3897,
6.1231

155.3382,
143.7617, 169.5086

 2.9947, 1.8938,
2.8501

192.0010,
179.2847, 210.2167

 1.1510, 0.5447,
1.0186

234.0212,

 0.0671, 0.0000,

220.2246, 256.9703

0.0000

281.7643,
266.9657, 310.1879

0.0000, 0.0000,
0.0000

39.5994, 33.9463,
42.0013

39.5994, 33.9463,
42.0013

36.0499, 28.2646,
36.4477

43.7326, 40.6841,
48.0906

33.0528, 23.5802,
31.4107

48.4729, 48.5238,
54.7293

30.5782, 19.8353,
26.8731

53.8460, 57.5141,
61.9335

28.5921, 16.9645,
22.8156

59.8750, 67.6992,
69.7175

27.0560, 14.8936,
19.2172

66.5822, 79.1212,
78.0953

■ 25.9254, 13.5360,
16.0544

■ 72.5017, 88.8465,
86.5848

■ 25.1368, 12.7680,
13.2970

■ 73.8999, 89.4058,
93.9477

■ 24.9695, 12.6176,
12.6732

■ 75.3765, 89.9964,
101.7232

■ 76.5752, 90.4759,
108.0354

Harmonies

Analogous

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



37.6171, 33.9463, 52.7709



39.5994, 33.9463, 42.0013



39.5149, 33.9463, 31.6268

Triad

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



39.5994, 33.9463, 42.0013



30.3440, 33.9463, 20.7733



27.6274, 33.9463, 53.5057

Complementary

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



39.5994, 33.9463, 42.0013



38.0581, 48.0962, 44.8160

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.



25.9608, 33.9463, 42.8653



39.5994, 33.9463, 42.0013



27.4462, 33.9463, 24.6747

Square

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



39.5994, 33.9463, 42.0013



33.9797, 33.9463, 20.6299



25.8971, 33.9463, 32.3424



30.6089, 33.9463, 60.2145

Rectangle

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



39.5994, 33.9463, 42.0013



38.2932, 33.9463, 26.2905



25.8971, 33.9463, 32.3424



26.9051, 33.9463, 50.1886

Sweetspot

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



39.6004, 33.9478, 42.0020



87.2847, 87.0282, 98.4234



36.0004, 31.7682, 56.4596



18.3882, 18.1386, 20.6612



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.



39.6004, 33.9478, 42.0020



67.7750, 55.1293, 69.9679



37.3217, 33.0364, 30.0026



10.2785, 10.1600, 11.5571



16.0873, 8.1247, 8.3718



0.7299, 0.3650, 0.5450

Inverse Universe

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



39.6004, 33.9478, 42.0020



67.7750, 55.1293, 69.9679



40.8601, 49.2170, 59.5714



10.2785, 10.1600, 11.5571



16.0873, 8.1247, 8.3718



0.7299, 0.3650, 0.5450

Previews

White Background



This preview shows how the XYZ color 39.5994, 33.9463, 42.0013 looks on a white background.

Color Contrast Check

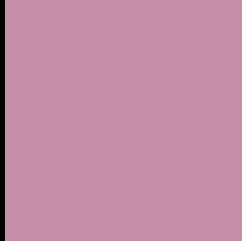
Large Text (above 18pt) WCAG AA × Fail

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 39.5994, 33.9463, 42.0013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

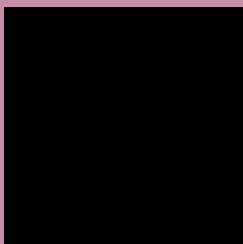
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5994, 33.9463, 42.0013

Background



This preview shows how black text looks on a background with the XYZ color 39.5994, 33.9463, 42.0013.



This preview shows how white text looks on a background with the XYZ color 39.5994, 33.9463,

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

39.5994, 33.9463, 42.0013

Protanopia

33.6104, 34.2969, 46.9680

Deuteranopia

34.7285, 34.0075, 41.2929



Tritanopia

38.1378, 33.7824, 35.5209

Trichromacy



Original Color

39.5994, 33.9463, 42.0013

Protanomaly

35.5437, 34.0977, 45.2656

Deuteranomaly

36.4057, 33.9058, 41.6715

Tritanomaly

38.6733, 33.7851, 37.7406

Monochromacy



Original Color

39.5994, 33.9463, 42.0013

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.7120, 34.7902, 39.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5994, 33.9463, 42.0013 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(196, 142, 169)` looks like.

```
.text, #text, p{  
    color:rgb(196, 142, 169)  
}
```

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(196, 142, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 142, 169) }
```

Border

The CSS property to change the border of an element to XYZ 39.5994, 33.9463, 42.0013 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(196, 142, 169) }
```


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

```
.border{ border-color:rgb(196, 142, 169) }
```

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

Here you see how a box with a 4 pixel rgb(196, 142, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 142, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 142, 169);  
box-shadow:4px 4px 4px 4px rgb(196, 142,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5994, 33.9463, 42.0013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 142, 169) }
```

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

```
.background{ background-color: rgb(196,  
142, 169) }
```

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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