

Converting Colors

XYZ(39.9813, 35.3464, 38.8977)

Have a look what the booklet for
XYZ(39.9813, 35.3464, 38.8977)
contains.

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Color

**XYZ(39.9813, 35.3464,
38.8977)**

Conversions

Conversions Part 1

Format	Color
Hex	C593A2
RGB	197, 147, 162
RGB Percent	77%, 58%, 64%
CMY	0.2274, 0.4235, 0.3647
CMYK	0.00, 0.25, 0.18, 0.23
HSL	342°, 30%, 67%
HSV	342°, 25%, 77%
XYZ	39.9813, 35.3464, 38.8977
YIQ	163.6600, 24.9850, 15.2650

Conversions

Conversions Part 2

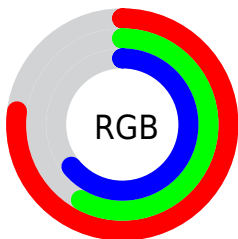
Format	Color
RYB	197, 147, 162
Decimal	12948386
CIELab	66.02, 21.11, -0.50
CIElCh	66, 21.118, 358.637
Yxy	35.3464, 0.3500, 0.3094
Android (android.graphics.Color)	4291138466 (0xFFC593A2)
YUV	163.6600, -0.8184, 29.2392
Hunter-Lab	59.4528, 15.9966, 2.8258

Details

The XYZ color **39.9813, 35.3464, 38.8977** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4439, 49.5139, 51.6840**, and the grayscale version is **35.1214, 36.9504, 40.2390**.

A 20% lighter version of the original color is **74.2841, 67.8539, 74.8276**, and **18.1527, 15.2423, 16.7372** is the 20% darker color. If you saturate the color by 10%, you get **36.0169, 29.2728, 31.8561**, and if you desaturate by 10%, it is **44.6068, 42.5262, 46.8239**.

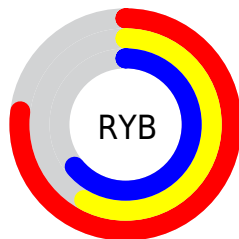
Distribution



Red (77%)

Green (58%)

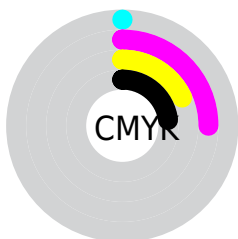
Blue (64%)



Red (77%)

Yellow (58%)

Blue (64%)

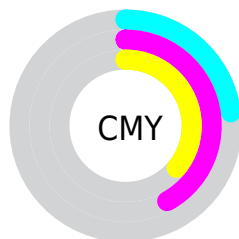


Cyan (0%)

Magenta (25%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (42%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9813, 35.3464, 38.8977 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 39.9813, 35.3464, 38.8977 by changing the saturation by 10% instead.


 39.9813, 35.3464,
38.8977


 39.9813, 35.3464,
38.8977


337.1805,
326.0947, 356.8683

 27.7081, 23.9298,
26.3729


 74.4196, 68.0221,
74.7006

 18.2451, 15.2816,
16.8746


 97.3153, 90.0499,
98.8159

 11.2268, 9.0172,
9.9841


124.4827,
116.3837, 127.6317

 6.2880, 4.7524,
5.2829

156.2870,
147.4077, 161.5666

 3.0633, 2.1027,
2.3526

193.0935,
183.5065, 201.0392

 1.1873, 0.6662,
0.7605

235.2678,

 0.0963, 0.0000,

225.0643, 246.4680

0.0000

283.1750,
272.4655, 298.2715

■ 0.0000, 0.0000,
0.0000

■ 39.9813, 35.3464,
38.8977

■ 39.9813, 35.3464,
38.8977

■ 36.0169, 29.2728,
31.8561

■ 44.6068, 42.5262,
46.8239

■ 32.6795, 24.2453,
25.6651

■ 49.9193, 50.8586,
55.6623

■ 29.9365, 20.2056,
20.2919

■ 55.9469, 60.3933,
65.4424

■ 27.7509, 17.0875,
15.7005

■ 62.7154, 71.1756,
76.1912

■ 26.0817, 14.8169,
11.8518

■ 70.2493, 83.2484,
87.9350

■ 24.8813, 13.3078,
8.7031

■ 75.2290, 89.9676,
99.5847

■ 24.0926, 12.4551,
6.2060

■ 76.8362, 90.6104,
108.0476

■ 23.8179, 12.1871,
5.2469

Harmonies

Analogous

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



39.0034, 35.3464, 48.1759



39.9813, 35.3464, 38.8977



39.1618, 35.3464, 30.7997

Triad

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



39.9813, 35.3464, 38.8977



30.7920, 35.3464, 25.2496



30.5586, 35.3464, 55.1671

Complementary

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



39.9813, 35.3464, 38.8977



40.4439, 49.5139, 51.6840

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.



28.5837, 35.3464, 47.3557



39.9813, 35.3464, 38.8977



28.7125, 35.3464, 30.1916

Square

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



39.9813, 35.3464, 38.8977



33.7391, 35.3464, 23.6938



27.9290, 35.3464, 38.0777



33.4527, 35.3464, 58.4259

Rectangle

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



39.9813, 35.3464, 38.8977



37.7334, 35.3464, 26.9411



27.9290, 35.3464, 38.0777



29.7721, 35.3464, 52.9325

Sweetspot

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



39.9823, 35.3480, 38.8984



86.6692, 86.7820, 95.1818



39.8045, 34.8455, 57.4517



18.2336, 18.0767, 19.8472



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.



39.9823, 35.3480, 38.8984



67.8552, 57.5382, 63.0635



40.3506, 38.0924, 32.8316



10.7626, 10.6884, 11.7332



15.6986, 8.0290, 3.6227



0.7759, 0.3932, 0.3428

Inverse Universe

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



39.9823, 35.3480, 38.8984



67.8552, 57.5382, 63.0635



39.8823, 45.7761, 59.5574



10.7626, 10.6884, 11.7332



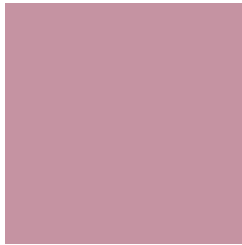
15.6986, 8.0290, 3.6227



0.7759, 0.3932, 0.3428

Previews

White Background



This preview shows how the XYZ color 39.9813, 35.3464, 38.8977 looks on a white background.

Color Contrast Check

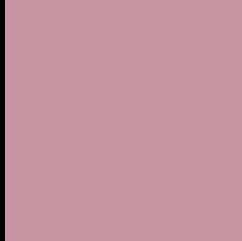
Large Text (above 18pt) WCAG AA × Fail

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 39.9813, 35.3464, 38.8977 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 39.9813, 35.3464, 38.8977

Background



This preview shows how black text looks on a background with the XYZ color 39.9813, 35.3464, 38.8977.



This preview shows how white text looks on a background with the XYZ color 39.9813, 35.3464,

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

39.9813, 35.3464, 38.8977

Protanopia

34.5244, 35.6210, 43.0861

Deuteranopia

36.1381, 35.5451, 38.2139



Tritanopia

39.8739, 35.5533, 37.5618

Trichromacy



Original Color

39.9813, 35.3464, 38.8977

Protanomaly

36.1520, 35.2314, 41.4541

Deuteranomaly

37.5914, 35.5460, 38.5980

Tritanomaly

39.9610, 35.5882, 38.0207

Monochromacy



Original Color

39.9813, 35.3464, 38.8977

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.7422, 36.3282, 39.7258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9813, 35.3464, 38.8977 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(197, 147, 162)` looks like.

```
.text, #text, p{  
    color:rgb(197, 147, 162)  
}
```

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(197, 147, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 147, 162) }
```

Border

The CSS property to change the border of an element to XYZ 39.9813, 35.3464, 38.8977 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(197, 147, 162) }
```


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

```
.border{ border-color:rgb(197, 147, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 147, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 147, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 147, 162);  
box-shadow:4px 4px 4px 4px rgb(197, 147,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9813, 35.3464, 38.8977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 147, 162) }
```

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

```
.background{ background-color: rgb(197,  
147, 162) }
```

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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