

Converting Colors

XYZ(42.2949, 38.9737, 38.9634)

Have a look what the booklet for
XYZ(42.2949, 38.9737, 38.9634)
contains.

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Color

**XYZ(42.3094, 38.9665,
39.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	C89DA1
RGB	200, 157, 161
RGB Percent	78%, 62%, 63%
CMY	0.2157, 0.3843, 0.3686
CMYK	0.00, 0.21, 0.19, 0.22
HSL	354°, 28%, 70%
HSV	354°, 21%, 78%
XYZ	42.3094, 38.9665, 39.0096
YIQ	170.3130, 24.3440, 10.3600

Conversions

Conversions Part 2

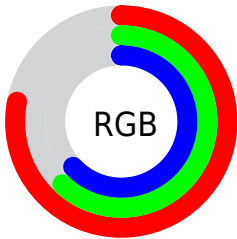
Format	Color
R _Y B	200, 157, 161
Decimal	13147553
CIE Lab	68.73, 16.57, 4.03
CIE LCh	69, 17.052, 13.682
Yxy	38.9665, 0.3517, 0.3240
Android (android.graphics.Color)	4291337633 (0xFFC89DA1)
YUV	170.3130, -4.5913, 26.0355
Hunter-Lab	62.4232, 11.7439, 6.6446

Details

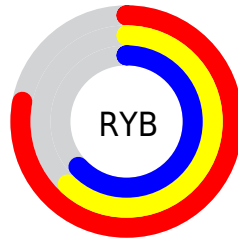
The XYZ color **42.3094, 38.9665, 39.0096** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5242, 52.4631, 60.0067**, and the grayscale version is **38.3792, 40.3779, 43.9716**.

A 20% lighter version of the original color is **77.1782, 73.3048, 75.0473**, and **19.6456, 17.4536, 17.0853** is the 20% darker color. If you saturate the color by 10%, you get **37.7132, 32.1511, 30.1492**, and if you desaturate by 10%, it is **47.6938, 46.9861, 49.2788**.

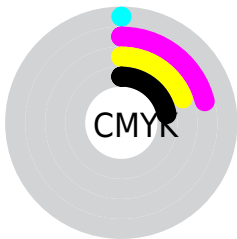
Distribution



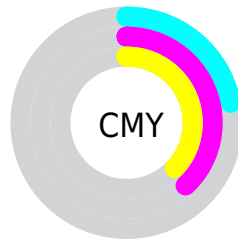
- Red (78%)
- Green (62%)
- Blue (63%)



- Red (78%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3094, 38.9665, 39.0096 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 42.3094, 38.9665, 39.0096 by changing the saturation by 10% instead.


 42.3094, 38.9665,
39.0096


 42.3094, 38.9665,
39.0096


346.7338,
341.7480, 357.3585

 29.5358, 26.7337,
26.4593

 77.9299, 73.5871,
74.8735

 19.6328, 17.3733,
16.9387


 101.5075, 96.7437,
99.0242

 12.2351, 10.5010,
10.0293


129.4172,
124.3104, 127.8787

 6.9774, 5.7324,
5.3125

162.0243,
156.6715, 161.8557

 3.4942, 2.6830,
2.3699

199.6941,
194.2114, 201.3736

 1.4201, 0.9686,
0.7700

242.7921,

 0.2705, 0.0000,

237.3145, 246.8510

0.0000

291.6835,
286.3653, 298.7065

■ 0.0000, 0.0000,
0.0000

■ 42.3094, 38.9665,
39.0096

■ 42.3094, 38.9665,
39.0096

■ 37.7132, 32.1511,
30.1492

■ 47.6938, 46.9861,
49.2788

■ 33.8651, 26.4766,
22.6337

■ 53.8975, 56.2584,
61.0120

■ 30.7264, 21.8824,
16.3980

■ 60.9541, 66.8359,
74.2643

■ 28.2534, 18.2997,
11.3708

■ 68.8941, 78.7663,
89.0874

■ 26.3978, 15.6521,
7.4733

■ 77.1038, 90.8091,
105.3161

■ 25.1046, 13.8522,
4.6177

■ 77.6295, 91.0194,
108.0847

■ 24.3090, 12.7960,
2.7031

■ 23.9336, 12.3251,
1.7154

Harmonies

Analogous

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



42.2419, 38.9665, 46.7409



42.3094, 38.9665, 39.0096



40.9165, 38.9665, 32.9712

Triad

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



42.3094, 38.9665, 39.0096



33.5677, 38.9665, 32.5644



35.5979, 38.9665, 58.3445

Complementary

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



42.3094, 38.9665, 39.0096



44.5242, 52.4631, 60.0067

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.



33.4099, 38.9665, 53.5392



42.3094, 38.9665, 39.0096



32.2773, 38.9665, 38.3887

Square

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



42.3094, 38.9665, 39.0096



35.8229, 38.9665, 29.5670



32.2210, 38.9665, 46.0403



38.2772, 38.9665, 58.5635

Rectangle

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



42.3094, 38.9665, 39.0096



39.3845, 38.9665, 30.4548



32.2210, 38.9665, 46.0403



34.7837, 38.9665, 57.1879

Sweetspot

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



42.3105, 38.9683, 39.0104



88.2073, 89.7619, 95.9915



45.1704, 39.9814, 59.9803



18.7275, 18.9849, 20.2578



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.



42.3105, 38.9683, 39.0104



69.2079, 61.4602, 59.7636



45.0811, 45.0646, 38.2228



10.6732, 10.6527, 11.2626



15.2327, 7.8426, 1.1692



0.7353, 0.3770, 0.1293

Inverse Universe

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



42.3105, 38.9683, 39.0104



69.2079, 61.4602, 59.7636



41.2237, 45.1242, 61.1810



10.6732, 10.6527, 11.2626



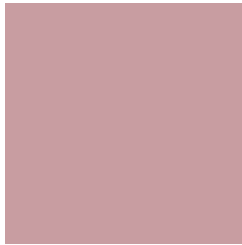
15.2327, 7.8426, 1.1692



0.7353, 0.3770, 0.1293

Previews

White Background



This preview shows how the XYZ color 42.3094, 38.9665, 39.0096 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 42.3094, 38.9665, 39.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

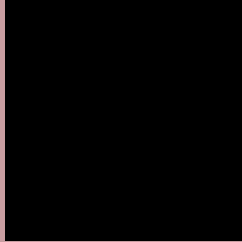
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3094, 38.9665, 39.0096

Background



This preview shows how black text looks on a background with the XYZ color 42.3094, 38.9665, 39.0096.



This preview shows how white text looks on a background with the XYZ color 42.3094, 38.9665,

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

42.3094, 38.9665, 39.0096

Protanopia

37.5884, 39.0854, 42.1223

Deuteranopia

39.7590, 38.9435, 38.6790



Tritanopia

43.0437, 39.0216, 42.3091

Trichromacy



Original Color

42.3094, 38.9665, 39.0096

Protanomaly

39.1801, 38.8561, 41.0323

Deuteranomaly

40.6542, 38.8861, 38.6208

Tritanomaly

42.7674, 38.9111, 40.8538

Monochromacy



Original Color

42.3094, 38.9665, 39.0096

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.4862, 39.5240, 42.1070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3094, 38.9665, 39.0096 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(200, 157, 161)` looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 161)  
}
```

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(200, 157, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 161) }
```

Border

The CSS property to change the border of an element to XYZ 42.3094, 38.9665, 39.0096 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(200, 157, 161) }
```


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

```
.border{ border-color:rgb(200, 157, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 157, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 161);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3094, 38.9665, 39.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 161) }
```

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

```
.background{ background-color: rgb(200,  
157, 161) }
```

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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