

Converting Colors

XYZ(42.0347, 39.0899, 42.9606)

Have a look what the booklet for
XYZ(42.0347, 39.0899, 42.9606)
contains.

XYZ(41.8940, 38.9204, 42.8405)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.8940, 38.9204,
42.8405)**

Conversions

Conversions Part 1

Format	Color
Hex	C39EA9
RGB	195, 158, 169
RGB Percent	76%, 62%, 66%
CMY	0.2353, 0.3804, 0.3373
CMYK	0.00, 0.19, 0.13, 0.24
HSL	342°, 24%, 69%
HSV	342°, 19%, 76%
XYZ	41.8940, 38.9204, 42.8405
YIQ	170.3170, 18.5210, 11.2650

Conversions

Conversions Part 2

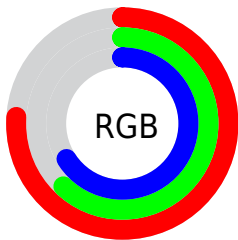
Format	Color
R _Y B	195, 158, 169
Decimal	12820137
CIE Lab	68.69, 15.46, -0.53
CIE LCh	69, 15.468, 358.038
Yxy	38.9204, 0.3388, 0.3148
Android (android.graphics.Color)	4291010217 (0xFFC39EA9)
YUV	170.3170, -0.6493, 21.6470
Hunter-Lab	62.3862, 10.6916, 2.9560

Details

The XYZ color **41.8940, 38.9204, 42.8405** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.2690, 49.7610, 52.7268**, and the grayscale version is **38.3642, 40.3621, 43.9544**.

A 20% lighter version of the original color is **77.3937, 73.6658, 80.6608**, and **19.3494, 17.2551, 19.1404** is the 20% darker color. If you saturate the color by 10%, you get **37.6083, 32.3009, 35.3939**, and if you desaturate by 10%, it is **46.8445, 46.6529, 51.1750**.

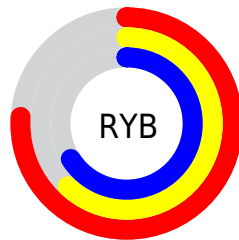
Distribution



Red (76%)

Green (62%)

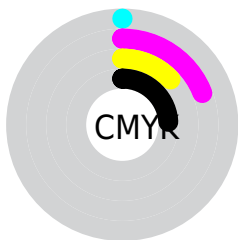
Blue (66%)



Red (76%)

Yellow (62%)

Blue (66%)

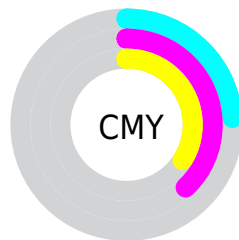


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8940, 38.9204, 42.8405 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 41.8940, 38.9204, 42.8405 by changing the saturation by 10% instead.

 41.8940, 38.9204,
42.8405

 41.8940, 38.9204,
42.8405

345.0424,
341.5519, 373.8573

 29.2090, 26.6978,
29.4295

 77.3053, 73.5167,
80.7539

 19.3841, 17.3464,
19.1576

 100.7624, 96.6592,
106.0934

 12.0538, 10.4818,
11.6063

128.5410,
124.2105, 136.2461

 6.8528, 5.7195,
6.3569

161.0063,
156.5549, 171.6306

 3.4157, 2.6753,
2.9910

198.5237,
194.0768, 212.6655

 1.3772, 0.9647,
1.0900

241.4587,

 0.2399, 0.0000,

237.1607, 259.7692

0.0000

290.1765,
286.1910, 313.3603

0.0000, 0.0000,
0.0000

41.8940, 38.9204,
42.8405

41.8940, 38.9204,
42.8405

37.6083, 32.3009,
35.3939

46.8445, 46.6529,
51.1750

33.9552, 26.7377,
28.8026

52.4837, 55.5411,
60.4234

30.9047, 22.1774,
23.0357

58.8383, 65.6319,
70.6138

28.4227, 18.5593,
18.0592

65.9326, 76.9679,
81.7724

26.4719, 15.8165,
13.8367

73.6282, 89.2672,
93.8702

■ 25.0102, 13.8729,
10.3287

■ 75.7140, 90.1015,
104.8538

■ 23.9884, 12.6393,
7.4914

■ 76.3159, 90.3422,
108.0233

■ 23.3267, 11.9653,
5.2681

■ 23.2686, 11.9073,
5.0697

Harmonies

Analogous

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



41.1272, 38.9204, 49.9138



41.8940, 38.9204, 42.8405



41.3002, 38.9204, 36.3575

Triad

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



41.8940, 38.9204, 42.8405



34.8261, 38.9204, 31.5680



34.5589, 38.9204, 54.8606

Complementary

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



41.8940, 38.9204, 42.8405



42.2690, 49.7610, 52.7268

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.



32.9956, 38.9204, 49.0283



41.8940, 38.9204, 42.8405



33.1450, 38.9204, 35.6411

Square

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



41.8940, 38.9204, 42.8405



37.1539, 38.9204, 30.2932



32.4894, 38.9204, 41.9182



36.8319, 38.9204, 57.3119

Rectangle

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



41.8940, 38.9204, 42.8405



40.2267, 38.9204, 33.1319



32.4894, 38.9204, 41.9182



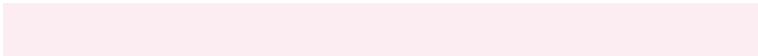
33.9368, 38.9204, 53.2010

Sweetspot

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



41.8951, 38.9221, 42.8413



86.6778, 87.9227, 96.2534



41.8218, 38.5737, 56.8715



18.8386, 19.0293, 20.8426



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.



41.8951, 38.9221, 42.8413



71.5249, 64.2710, 70.6885



42.2060, 41.1272, 38.0637



10.1936, 10.1261, 11.1103



15.1559, 7.7521, 3.4669



0.6860, 0.3474, 0.3138

Inverse Universe

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



41.8951, 38.9221, 42.8413



71.5249, 64.2710, 70.6885



41.8501, 47.0062, 58.4976



10.1936, 10.1261, 11.1103



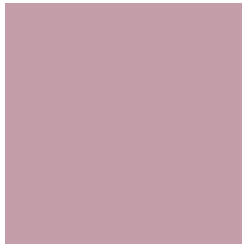
15.1559, 7.7521, 3.4669



0.6860, 0.3474, 0.3138

Previews

White Background



This preview shows how the XYZ color 41.8940, 38.9204, 42.8405 looks on a white background.

Color Contrast Check

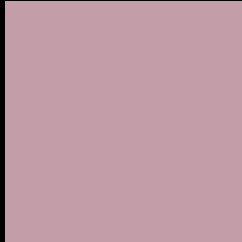
Large Text (above 18pt) WCAG AA × Fail

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 41.8940, 38.9204, 42.8405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

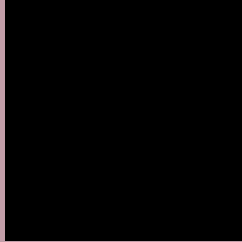
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8940, 38.9204, 42.8405

Background



This preview shows how black text looks on a background with the XYZ color 41.8940, 38.9204, 42.8405.



This preview shows how white text looks on a background with the XYZ color 41.8940, 38.9204,

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

41.8940, 38.9204, 42.8405

Protanopia

37.8209, 39.1284, 45.6036

Deuteranopia

39.7554, 38.8582, 42.4508



Tritanopia

41.9882, 38.9581, 43.3369

Trichromacy



Original Color

41.8940, 38.9204, 42.8405

Protanomaly

39.0820, 38.9945, 44.4966

Deuteranomaly

40.5518, 39.0083, 42.4378

Tritanomaly

41.9882, 38.9581, 43.3369

Monochromacy



Original Color

41.8940, 38.9204, 42.8405

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.4823, 39.7584, 43.6234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8940, 38.9204, 42.8405 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(195, 158, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 158, 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(195, 158, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 158, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.8940, 38.9204, 42.8405 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(195, 158, 169) }
```


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

```
.border{ border-color:rgb(195, 158, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 158, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 158, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 158, 169);  
box-shadow:4px 4px 4px 4px rgb(195, 158,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8940, 38.9204, 42.8405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 158, 169) }
```

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

```
.background{ background-color: rgb(195,  
158, 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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