

Converting Colors

XYZ(42.7121, 38.3294, 39.1445)

Have a look what the booklet for
XYZ(42.7121, 38.3294, 39.1445)
contains.

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Color

**XYZ(42.7058, 38.4163,
39.3467)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9AA2
RGB	203, 154, 162
RGB Percent	80%, 60%, 64%
CMY	0.2039, 0.3961, 0.3647
CMYK	0.00, 0.24, 0.20, 0.20
HSL	350°, 32%, 70%
HSV	350°, 24%, 80%
XYZ	42.7058, 38.4163, 39.3467
YIQ	169.5630, 26.6360, 12.8760

Conversions

Conversions Part 2

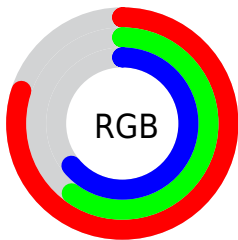
Format	Color
R _Y B	203, 154, 162
Decimal	13343394
CIE Lab	68.33, 19.48, 2.93
CIE LCh	68, 19.704, 8.565
Yxy	38.4163, 0.3545, 0.3189
Android (android.graphics.Color)	4291533474 (0xFFCB9AA2)
YUV	169.5630, -3.7286, 29.3242
Hunter-Lab	61.9809, 14.5227, 5.7481

Details

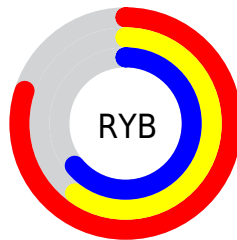
The XYZ color **42.7058, 38.4163, 39.3467** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5342, 53.5230, 59.6161**, and the grayscale version is **38.0006, 39.9796, 43.5378**.

A 20% lighter version of the original color is **76.5648, 71.8707, 75.4827**, and **19.8775, 17.1222, 17.0091** is the 20% darker color. If you saturate the color by 10%, you get **38.2251, 31.7101, 30.8998**, and if you desaturate by 10%, it is **47.9593, 46.3408, 49.0585**.

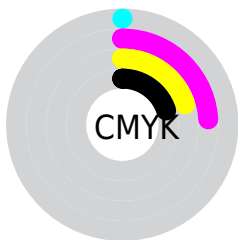
Distribution



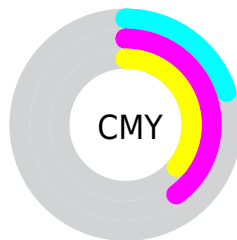
- Red (80%)
- Green (60%)
- Blue (64%)



- Red (80%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (20%)
- Black (20%)





- Cyan (20%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.7058, 38.4163, 39.3467 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 42.7058, 38.4163, 39.3467 by changing the saturation by 10% instead.

 42.7058, 38.4163,
39.3467


 42.7058, 38.4163,
39.3467

348.3425,
339.4024, 358.8321

 29.8479, 26.3059,
26.7196


 78.5252, 72.7458,
75.3938

 19.8706, 17.0527,
17.1322

 102.2174, 95.7337,
99.6510

 12.4088, 10.2720,
10.1658

130.2517,
123.1162, 128.6219

 7.0969, 5.5797,
5.4020

162.9935,
155.2778, 162.7252

 3.5696, 2.5912,
2.4222

200.8081,
192.6028, 202.3793

 1.4617, 0.9223,
0.7985

244.0609,

 0.2995, 0.0000,

235.4757, 248.0028

0.0000

293.1173,
284.2807, 300.0142

■ 0.0000, 0.0000,
0.0000

■ 42.7058, 38.4163,
39.3467

■ 42.7058, 38.4163,
39.3467

■ 38.2251, 31.7101,
30.8998

■ 47.9593, 46.3408,
49.0585

■ 34.4772, 26.1566,
23.6630

■ 54.0165, 55.5344,
60.0820

■ 31.4238, 21.6923,
17.5813

■ 60.9105, 66.0513,
72.4644

■ 29.0213, 18.2452,
12.5943

■ 68.6716, 77.9411,
86.2502

■ 27.2213, 15.7346,
8.6358

■ 77.1674, 90.9281,
101.4277

■ 25.9685, 14.0678,
5.6326

■ 78.4388, 91.4366,
108.1226

■ 25.1968, 13.1323,
3.5011

■ 24.9051, 12.8071,
2.6078

Harmonies

Analogous

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



42.3245, 38.4163, 48.3564



42.7058, 38.4163, 39.3467



41.3561, 38.4163, 32.0974

Triad

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



42.7058, 38.4163, 39.3467



32.9354, 38.4163, 29.8909



34.3862, 38.4163, 59.7398

Complementary

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



42.7058, 38.4163, 39.3467



44.5342, 53.5230, 59.6161

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.



32.0646, 38.4163, 53.3516



42.7058, 38.4163, 39.3467



31.2604, 38.4163, 35.9168

Square

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



42.7058, 38.4163, 39.3467



35.6362, 38.4163, 27.1652



30.9508, 38.4163, 44.4132



37.4051, 38.4163, 60.9997

Rectangle

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



42.7058, 38.4163, 39.3467



39.6988, 38.4163, 28.9316



30.9508, 38.4163, 44.4132



33.5034, 38.4163, 58.0818

Sweetspot

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



42.7069, 38.4181, 39.3475



87.3052, 88.2103, 94.9121



44.7989, 39.0047, 61.6678



18.5510, 18.6742, 20.0684



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.



42.7069, 38.4181, 39.3475



67.4130, 58.1837, 58.1992



44.8999, 43.9057, 36.6821



11.2858, 11.2430, 12.0395



15.8719, 8.1594, 1.7784



0.8428, 0.4305, 0.2179

Inverse Universe

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



42.7069, 38.4181, 39.3475



67.4130, 58.1837, 58.1992



41.8070, 46.5826, 63.2882



11.2858, 11.2430, 12.0395



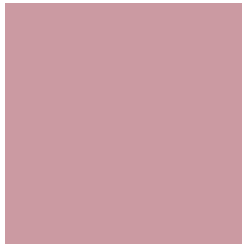
15.8719, 8.1594, 1.7784



0.8428, 0.4305, 0.2179

Previews

White Background



This preview shows how the XYZ color 42.7058, 38.4163, 39.3467 looks on a white background.

Color Contrast Check

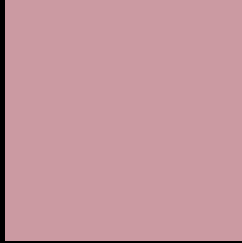
Large Text (above 18pt) WCAG AA × Fail

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 42.7058, 38.4163, 39.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

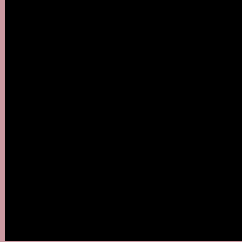
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7058, 38.4163, 39.3467

Background



This preview shows how black text looks on a background with the XYZ color 42.7058, 38.4163, 39.3467.



This preview shows how white text looks on a background with the XYZ color 42.7058, 38.4163,

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

42.7058, 38.4163, 39.3467

Protanopia

37.1598, 38.5720, 43.0227

Deuteranopia

39.1855, 38.3772, 39.0605



Tritanopia

42.8114, 38.1956, 40.7134

Trichromacy



Original Color

42.7058, 38.4163, 39.3467

Protanomaly

38.8593, 38.4176, 41.4436

Deuteranomaly

40.3981, 38.2334, 38.9688

Tritanomaly

42.7207, 38.1593, 40.2358

Monochromacy



Original Color

42.7058, 38.4163, 39.3467

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.5419, 39.2860, 42.0581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7058, 38.4163, 39.3467 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(203, 154, 162)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 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(203, 154, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 162) }
```

Border

The CSS property to change the border of an element to XYZ 42.7058, 38.4163, 39.3467 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(203, 154, 162) }
```


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

```
.border{ border-color:rgb(203, 154, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 154, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 162);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7058, 38.4163, 39.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 154, 162) }
```

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

```
.background{ background-color: rgb(203,  
154, 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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