

Converting Colors

XYZ(42.2556, 38.1192, 41.8909)

Have a look what the booklet for
XYZ(42.2556, 38.1192, 41.8909)
contains.

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Color

**XYZ(42.3501, 38.1806,
41.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	C89AA7
RGB	200, 154, 167
RGB Percent	78%, 60%, 65%
CMY	0.2157, 0.3961, 0.3451
CMYK	0.00, 0.23, 0.16, 0.22
HSL	343°, 29%, 69%
HSV	343°, 23%, 78%
XYZ	42.3501, 38.1806, 41.6967
YIQ	169.2360, 23.2430, 13.7950

Conversions

Conversions Part 2

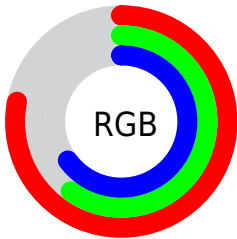
Format	Color
R_{YB}	200, 154, 167
Decimal	13146791
CIE _{Lab}	68.15, 19.16, -0.14
CIE _{LCh}	68, 19.163, 359.567
Yxy	38.1806, 0.3465, 0.3124
Android (android.graphics.Color)	4291336871 (0xFFC89AA7)
YUV	169.2360, -1.1023, 26.9800
Hunter-Lab	61.7905, 14.2075, 3.2439

Details

The XYZ color **42.3501, 38.1806, 41.6967** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.9519, 51.7675, 54.7446**, and the grayscale version is **37.8270, 39.7970, 43.3389**.

A 20% lighter version of the original color is **77.2253, 72.1349, 78.9604**, and **19.6218, 16.9580, 18.4587** is the 20% darker color. If you saturate the color by 10%, you get **38.0664, 31.6194, 34.0833**, and if you desaturate by 10%, it is **47.3331, 45.9041, 50.2703**.

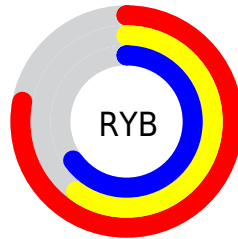
Distribution



Red (78%)

Green (60%)

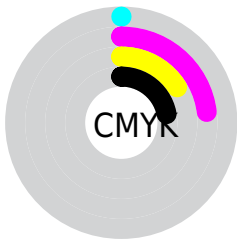
Blue (65%)



Red (78%)

Yellow (60%)

Blue (65%)

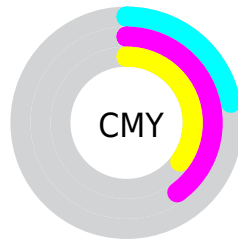


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.3501, 38.1806, 41.6967 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 42.3501, 38.1806, 41.6967 by changing the saturation by 10% instead.


 42.3501, 38.1806,
41.6967


 42.3501, 38.1806,
41.6967


346.8992,
338.3941, 368.9866

 29.5678, 26.1229,
28.5401


 77.9911, 72.3849,
79.0055

 19.6572, 16.9156,
18.4906

 101.5805, 95.3002,
103.9948

 12.2529, 10.1743,
11.1297


129.5029,
122.6036, 133.7654

 6.9896, 5.5147,
6.0389

162.1239,
154.6793, 168.7358

 3.5019, 2.5523,
2.7996

199.8086,
191.9118, 209.3246

 1.4244, 0.9027,
0.9932

242.9225,

 0.2735, 0.0000,

234.6855, 255.9503

0.0000

291.8309,
283.3848, 309.0314

■ 0.0000, 0.0000,
0.0000

■ 42.3501, 38.1806,
41.6967

■ 42.3501, 38.1806,
41.6967

■ 38.0664, 31.6194,
34.0833

■ 47.3331, 45.9041,
50.2703

■ 34.4469, 26.1589,
27.3935

■ 53.0421, 54.8371,
59.8342

■ 31.4579, 21.7398,
21.5917

■ 59.5063, 65.0307,
70.4201

■ 29.0617, 18.2948,
16.6388

■ 66.7524, 76.5315,
82.0576

■ 27.2162, 15.7491,
12.4930

■ 74.8056, 89.3834,
94.7750

■ 25.8735, 14.0165,
9.1080

■ 77.3244, 90.8974,
106.4777

■ 24.9766, 12.9936,
6.4325

■ 77.6296, 91.0195,
108.0847

■ 24.5460, 12.5700,
4.9397

Harmonies

Analogous

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



41.4780, 38.1806, 50.4863



42.3501, 38.1806, 41.6967



41.5255, 38.1806, 33.9623

Triad

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



42.3501, 38.1806, 41.6967



33.5248, 38.1806, 28.8280



33.4535, 38.1806, 57.4536

Complementary

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



42.3501, 38.1806, 41.6967



42.9519, 51.7675, 54.7446

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.



31.5133, 38.1806, 50.2415



42.3501, 38.1806, 41.6967



31.5528, 38.1806, 33.7744

Square

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



42.3501, 38.1806, 41.6967



36.3330, 38.1806, 27.1803



30.8366, 38.1806, 41.4479



36.2461, 38.1806, 60.3150

Rectangle

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



42.3501, 38.1806, 41.6967



40.1490, 38.1806, 30.2524



30.8366, 38.1806, 41.4479



32.6857, 38.1806, 55.4129

Sweetspot

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



42.3512, 38.1823, 41.6975



87.6237, 88.3377, 96.5895



42.4677, 37.8438, 59.7103



18.6246, 18.7036, 20.4558



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.



42.3512, 38.1823, 41.6975



69.1695, 59.7238, 64.8670



42.9230, 41.1531, 36.2550



10.7550, 10.6854, 11.6932



15.6406, 8.0058, 3.3173



0.7724, 0.3918, 0.3246

Inverse Universe

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



42.3512, 38.1823, 41.6975



69.1695, 59.7238, 64.8670



42.1738, 47.8827, 61.6635



10.7550, 10.6854, 11.6932



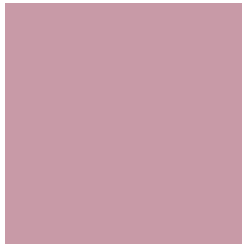
15.6406, 8.0058, 3.3173



0.7724, 0.3918, 0.3246

Previews

White Background



This preview shows how the XYZ color 42.3501, 38.1806, 41.6967 looks on a white background.

Color Contrast Check

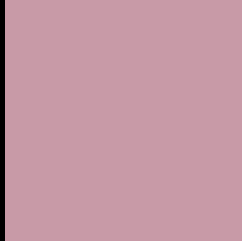
Large Text (above 18pt) WCAG AA × Fail

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 42.3501, 38.1806, 41.6967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

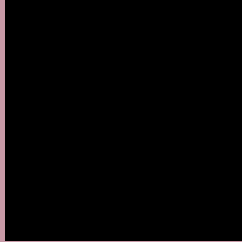
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3501, 38.1806, 41.6967

Background



This preview shows how black text looks on a background with the XYZ color 42.3501, 38.1806, 41.6967.



This preview shows how white text looks on a background with the XYZ color 42.3501, 38.1806,

41.6967.

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

42.3501, 38.1806, 41.6967

Protanopia

37.0315, 38.1817, 45.4624

Deuteranopia

39.1562, 38.3102, 41.4072



Tritanopia

42.2580, 38.1437, 41.2116

Trichromacy



Original Color

42.3501, 38.1806, 41.6967

Protanomaly

38.6860, 38.0137, 43.8265

Deuteranomaly

40.0961, 38.0257, 41.3028

Tritanomaly

42.2580, 38.1437, 41.2116

Monochromacy



Original Color

42.3501, 38.1806, 41.6967

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.1657, 39.0814, 42.5250

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3501, 38.1806, 41.6967 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, 154, 167)` looks like.

```
.text, #text, p{  
    color:rgb(200, 154, 167)  
}
```

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, 154, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 154, 167) }
```

Border

The CSS property to change the border of an element to XYZ 42.3501, 38.1806, 41.6967 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, 154, 167) }
```


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

```
.border{ border-color:rgb(200, 154, 167) }
```

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

Here you see how a box with a 4 pixel rgb(200, 154, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 154, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 154, 167);  
box-shadow:4px 4px 4px 4px rgb(200, 154,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3501, 38.1806, 41.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 154, 167) }
```

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

```
.background{ background-color: rgb(200,  
154, 167) }
```

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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