

Converting Colors

XYZ(42.8354, 38.8930, 41.1021)

Have a look what the booklet for
XYZ(42.8354, 38.8930, 41.1021)
contains.

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Color

**XYZ(42.8588, 38.9476,
41.3351)**

Conversions

Conversions Part 1

Format	Color
Hex	C99CA6
RGB	201, 156, 166
RGB Percent	79%, 61%, 65%
CMY	0.2118, 0.3882, 0.3490
CMYK	0.00, 0.22, 0.17, 0.21
HSL	347°, 29%, 70%
HSV	347°, 22%, 79%
XYZ	42.8588, 38.9476, 41.3351
YIQ	170.5950, 23.6100, 12.6500

Conversions

Conversions Part 2

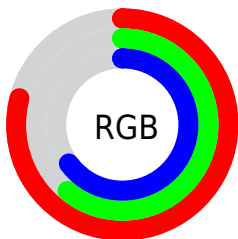
Format	Color
R_{YB}	201, 156, 166
Decimal	13212838
CIE _{Lab}	68.71, 18.27, 1.24
CIE _{LCh}	69, 18.315, 3.887
Yxy	38.9476, 0.3480, 0.3163
Android (android.graphics.Color)	4291402918 (0xFFC99CA6)
YUV	170.5950, -2.2653, 26.6652
Hunter-Lab	62.4080, 13.3711, 4.4157

Details

The XYZ color **42.8588, 38.9476, 41.3351** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0025, 52.6038, 57.1272**, and the grayscale version is **38.5092, 40.5147, 44.1205**.

A 20% lighter version of the original color is **77.5854, 73.0690, 78.4211**, and **19.9429, 17.4290, 18.2326** is the 20% darker color. If you saturate the color by 10%, you get **38.4129, 32.2129, 33.2022**, and if you desaturate by 10%, it is **48.0394, 46.8718, 50.5740**.

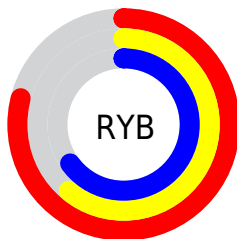
Distribution



Red (79%)

Green (61%)

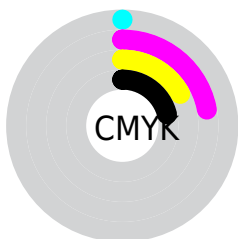
Blue (65%)



Red (79%)

Yellow (61%)

Blue (65%)

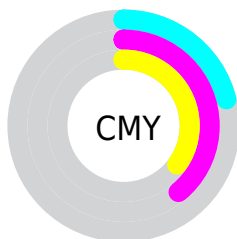


Cyan (0%)

Magenta (22%)

Yellow (17%)

Black (21%)



Cyan (21%)


Magenta (39%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8588, 38.9476, 41.3351 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 42.8588, 38.9476, 41.3351 by changing the saturation by 10% instead.

 42.8588, 38.9476,
41.3351


 42.8588, 38.9476,
41.3351


348.9621,
341.6677, 367.4372

 29.9684, 26.7190,
28.2593


 78.7548, 73.5583,
78.4515

 19.9625, 17.3623,
18.2805


 102.4911, 96.7091,
103.3293

 12.4759, 10.4931,
10.9800

130.5733,
124.2694, 132.9781

 7.1432, 5.7271,
5.9394

163.3670,
156.6237, 167.8165

 3.5989, 2.6799,
2.7401

201.2373,
194.1562, 208.2631

 1.4778, 0.9670,
0.9635

244.5497,

 0.3107, 0.0000,

237.2515, 254.7364

0.0000

293.6695,
286.2938, 307.6549

■ 0.0000, 0.0000,
0.0000

■ 42.8588, 38.9476,
41.3351

■ 42.8588, 38.9476,
41.3351

■ 38.4129, 32.2129,
33.2022

■ 48.0394, 46.8718,
50.5740

■ 34.6648, 26.6051,
26.1310

■ 53.9828, 56.0336,
60.9563

■ 31.5792, 22.0638,
20.0777

■ 60.7199, 66.4851,
72.5202

■ 29.1163, 18.5207,
14.9942

■ 68.2785, 78.2735,
85.3019

■ 27.2322, 15.8999,
10.8288

■ 76.2032, 90.4799,
99.1749

■ 25.8766, 14.1140,
7.5244

■ 77.8976, 91.1576,
108.0973

■ 24.9903, 13.0589,
5.0169

■ 24.5546, 12.6044,
3.5866

Harmonies

Analogous

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



42.2489, 38.9476, 49.8236



42.8588, 38.9476, 41.3351



41.8379, 38.9476, 34.1200

Triad

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



42.8588, 38.9476, 41.3351



33.9988, 38.9476, 30.4948



34.6205, 38.9476, 58.4054

Complementary

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



42.8588, 38.9476, 41.3351



44.0025, 52.6038, 57.1272

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.



32.5842, 38.9476, 51.9383



42.8588, 38.9476, 41.3351



32.2387, 38.9476, 35.7661

Square

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



42.8588, 38.9476, 41.3351



36.6422, 38.9476, 28.3992



31.7345, 38.9476, 43.4979



37.3974, 38.9476, 60.3979

Rectangle

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



42.8588, 38.9476, 41.3351



40.3996, 38.9476, 30.7811



31.7345, 38.9476, 43.4979



33.8316, 38.9476, 56.6447

Sweetspot

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



42.8599, 38.9494, 41.3359



87.4621, 88.2731, 95.7382



43.7927, 39.0075, 60.4798



18.5872, 18.6887, 20.2591



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.



42.8599, 38.9494, 41.3359



69.4256, 60.6791, 63.5867



44.0921, 42.8247, 37.3967



10.7287, 10.6749, 11.5549



15.4676, 7.9366, 2.4063



0.7606, 0.3871, 0.2624

Inverse Universe

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



42.8599, 38.9494, 41.3359



69.4256, 60.6791, 63.5867



42.4519, 47.6814, 62.2248



10.7287, 10.6749, 11.5549



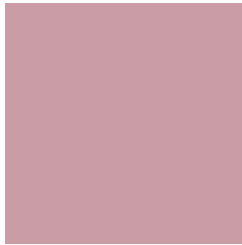
15.4676, 7.9366, 2.4063



0.7606, 0.3871, 0.2624

Previews

White Background



This preview shows how the XYZ color 42.8588, 38.9476, 41.3351 looks on a white background.

Color Contrast Check

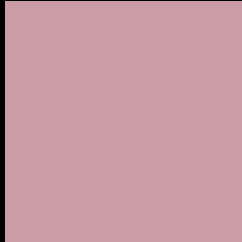
Large Text (above 18pt) WCAG AA × Fail

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 42.8588, 38.9476, 41.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

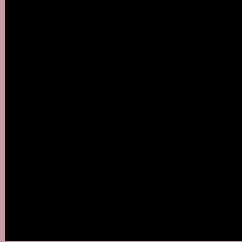
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8588, 38.9476, 41.3351

Background



This preview shows how black text looks on a background with the XYZ color 42.8588, 38.9476, 41.3351.



This preview shows how white text looks on a background with the XYZ color 42.8588, 38.9476,

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

42.8588, 38.9476, 41.3351

Protanopia

37.8427, 39.1620, 44.5942

Deuteranopia

39.7194, 38.8716, 41.0068



Tritanopia

43.0437, 39.0216, 42.3091

Trichromacy



Original Color

42.8588, 38.9476, 41.3351

Protanomaly

39.4089, 38.9204, 43.4655

Deuteranomaly

40.8482, 38.9346, 40.9595

Tritanomaly

42.9509, 38.9845, 41.8202

Monochromacy



Original Color

42.8588, 38.9476, 41.3351

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.0891, 40.0821, 43.1598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8588, 38.9476, 41.3351 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(201, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 166)  
}
```

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(201, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 166) }
```

Border

The CSS property to change the border of an element to XYZ 42.8588, 38.9476, 41.3351 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(201, 156, 166) }
```


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

```
.border{ border-color:rgb(201, 156, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8588, 38.9476, 41.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 166) }
```

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

```
.background{ background-color: rgb(201,  
156, 166) }
```

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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