

Converting Colors

XYZ(42.8917, 42.1357, 43.0170)

Have a look what the booklet for
XYZ(42.8917, 42.1357, 43.0170)
contains.

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Color

**XYZ(42.8087, 42.0389,
42.9038)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A8A8
RGB	192, 168, 168
RGB Percent	75%, 66%, 66%
CMY	0.2471, 0.3412, 0.3412
CMYK	0.00, 0.12, 0.12, 0.25
HSL	0°, 16%, 71%
HSV	0°, 12%, 75%
XYZ	42.8087, 42.0389, 42.9038
YIQ	175.1760, 14.3040, 5.0880

Conversions

Conversions Part 2

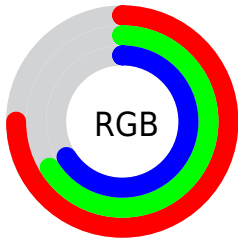
Format	Color
RYB	192, 168, 168
Decimal	12626088
CIELab	70.90, 8.71, 3.20
CIELCh	71, 9.276, 20.169
Yxy	42.0389, 0.3351, 0.3291
Android (android.graphics.Color)	4290816168 (0xFFC0A8A8)
YUV	175.1760, -3.5378, 14.7546
Hunter-Lab	64.8374, 4.3886, 6.1532

Details

The XYZ color **42.8087, 42.0389, 42.9038** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.5121, 49.8286, 57.1413**, and the grayscale version is **40.8522, 42.9797, 46.8049**.

A 20% lighter version of the original color is **78.7739, 78.2428, 80.7626**, and **19.8790, 19.1550, 19.1725** is the 20% darker color. If you saturate the color by 10%, you get **37.8643, 34.8042, 33.0728**, and if you desaturate by 10%, it is **48.5428, 50.4294, 54.3021**.

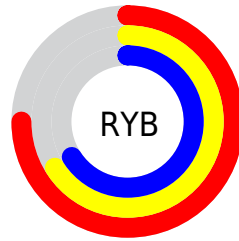
Distribution



Red (75%)

Green (66%)

Blue (66%)



Red (75%)

Yellow (66%)

Blue (66%)

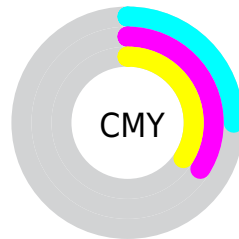


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.8087, 42.0389, 42.9038 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 42.8087, 42.0389, 42.9038 by changing the saturation by 10% instead.


 42.8087, 42.0389,
42.9038


 42.8087, 42.0389,
42.9038


348.7593,
354.6442, 374.1256

 29.9289, 29.1318,
29.4788


 78.6796, 78.2585,
80.8505

 19.9324, 19.1805,
19.1946

 102.4015,
102.3397, 106.2092

 12.4539, 11.8008,
11.6328

130.4680,
130.9145, 136.3830

 7.1280, 6.6082,
6.3747

163.2447,
164.3671, 171.7903

 3.5893, 3.2183,
3.0018

201.0968,
203.0819, 212.8496

 1.4725, 1.2467,
1.0955

244.3897,

 0.3070, 0.0994,

247.4435, 259.9796

0.0000

293.4888,
297.8361, 313.5987

■ 0.0000, 0.0000,
0.0000

■ 42.8087, 42.0389,
42.9038

■ 42.8087, 42.0389,
42.9038

■ 37.8643, 34.8042,
33.0728

■ 48.5428, 50.4294,
54.3021

■ 33.6718, 28.6694,
24.7380

■ 55.0953, 60.0173,
67.3291

■ 30.1954, 23.5824,
17.8270

■ 62.4978, 70.8490,
82.0462

■ 27.3950, 19.4846,
12.2601

■ 70.7794, 82.9668,
98.5110

■ 25.2267, 16.3116,
7.9499

■ 75.5484, 89.9465,
107.9873

■ 23.6414, 13.9918,
4.7988

■ 22.5827, 12.4425,
2.6947

■ 21.9832, 11.5651,
1.5035

■ 21.7387, 11.2072,
1.0174

Harmonies

Analogous

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



42.9538, 42.0389, 47.2403



42.8087, 42.0389, 42.9038



41.8886, 42.0389, 39.5495

Triad

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



42.8087, 42.0389, 42.9038



37.7200, 42.0389, 40.5404



39.4520, 42.0389, 54.6721

Complementary

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



42.8087, 42.0389, 42.9038



44.5121, 49.8286, 57.1413

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.



38.0852, 42.0389, 52.6178



42.8087, 42.0389, 42.9038



37.1024, 42.0389, 44.3369

Square

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



42.8087, 42.0389, 42.9038



38.9418, 42.0389, 38.2472



37.2343, 42.0389, 48.7678



40.9891, 42.0389, 54.2269

Rectangle

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



42.8087, 42.0389, 42.9038



40.9723, 42.0389, 38.2319



37.2343, 42.0389, 48.7678



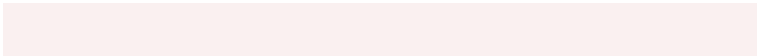
38.9580, 42.0389, 54.2462

Sweetspot

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



42.8099, 42.0408, 42.9047



86.2347, 88.8557, 94.9691



45.2557, 43.0180, 55.7876



18.3237, 18.8042, 20.0230



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.8099, 42.0408, 42.9047



74.9734, 72.3776, 72.5809



45.1278, 46.6766, 43.6773



10.0734, 10.0781, 10.4762



14.6278, 7.5413, 0.6846



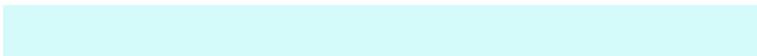
0.6321, 0.3259, 0.0296

Inverse Universe

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



44.5121, 49.8286, 57.1413



78.6636, 89.2602, 103.4432



41.9846, 44.7736, 56.2988



10.3684, 11.4282, 12.9442



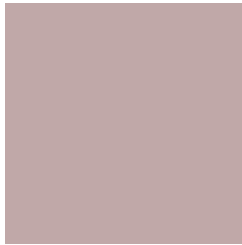
19.0817, 27.9199, 37.9400



0.8245, 1.2064, 1.6393

Previews

White Background



This preview shows how the XYZ color 42.8087, 42.0389, 42.9038 looks on a white background.

Color Contrast Check

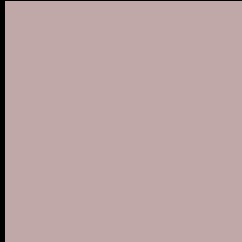
Large Text (above 18pt) WCAG AA × Fail

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 42.8087, 42.0389, 42.9038 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 42.8087, 42.0389, 42.9038

Background



This preview shows how black text looks on a background with the XYZ color 42.8087, 42.0389, 42.9038.



This preview shows how white text looks on a background with the XYZ color 42.8087, 42.0389,

42.9038.

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

42.8087, 42.0389, 42.9038

Protanopia

40.4257, 42.1745, 44.5379

Deuteranopia

42.8087, 42.0389, 42.9038



Tritanopia

43.7652, 41.8646, 48.4218

Trichromacy



Original Color

42.8087, 42.0389, 42.9038

Protanomaly

41.1100, 41.9732, 43.9651

Deuteranomaly

42.8087, 42.0389, 42.9038

Tritanomaly

43.5489, 42.0700, 46.3825

Monochromacy



Original Color

42.8087, 42.0389, 42.9038

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2550, 42.3074, 45.0215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8087, 42.0389, 42.9038 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(192, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(192, 168, 168)  
}
```

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(192, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 168, 168) }
```

Border

The CSS property to change the border of an element to XYZ 42.8087, 42.0389, 42.9038 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(192, 168, 168) }
```


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

```
.border{ border-color:rgb(192, 168, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(192, 168,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8087, 42.0389, 42.9038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 168, 168) }
```

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

```
.background{ background-color: rgb(192,  
168, 168) }
```

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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