

Converting Colors

XYZ(38.4128, 30.1576, 43.4171)

Have a look what the booklet for
XYZ(38.4128, 30.1576, 43.4171)
contains.

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Color

**XYZ(38.4209, 30.2016,
43.3397)**

Conversions

Conversions Part 1

Format	Color
Hex	C67FAD
RGB	198, 127, 173
RGB Percent	78%, 50%, 68%
CMY	0.2235, 0.5019, 0.3216
CMYK	0.00, 0.36, 0.13, 0.22
HSL	321°, 38%, 64%
HSV	321°, 36%, 78%
XYZ	38.4209, 30.2016, 43.3397
YIQ	153.4730, 27.5500, 29.3580

Conversions

Conversions Part 2

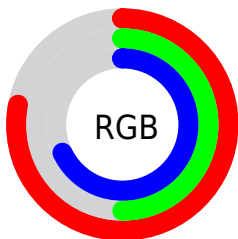
Format	Color
R _{YB}	198, 127, 173
Decimal	13008813
CIE _{Lab}	61.83, 34.23, -12.93
CIE _{LCh}	62, 36.595, 339.302
Yxy	30.2016, 0.3432, 0.2697
Android (android.graphics.Color)	4291198893 (0xFFC67FAD)
YUV	153.4730, 9.6268, 39.0502
Hunter-Lab	54.9560, 28.6202, -8.2884

Details

The XYZ color **38.4209, 30.2016, 43.3397** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **34.6152, 47.1681, 36.9877**, and the grayscale version is **30.4361, 32.0211, 34.8710**.

A 20% lighter version of the original color is **71.7675, 59.9092, 81.1799**, and **17.3633, 12.3890, 19.5653** is the 20% darker color. If you saturate the color by 10%, you get **35.4535, 25.3182, 39.1085**, and if you desaturate by 10%, it is **41.9278, 36.1068, 47.9251**.

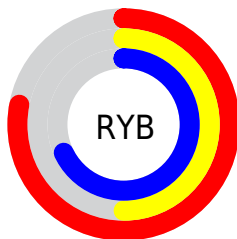
Distribution



Red (78%)

Green (50%)

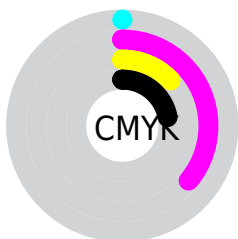
Blue (68%)



Red (78%)

Yellow (50%)

Blue (68%)

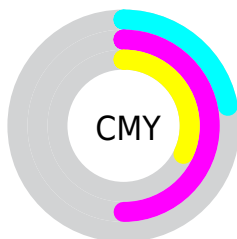


Cyan (0%)

Magenta (36%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (50%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4209, 30.2016, 43.3397 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 38.4209, 30.2016, 43.3397 by changing the saturation by 10% instead.


 38.4209, 30.2016,
43.3397


 38.4209, 30.2016,
43.3397

330.6718,
302.8430, 375.9691


 26.4882, 19.9917,
29.8184


 72.0526, 59.9809,
81.5151

 17.3238, 12.3890,
19.4499


 94.4822, 80.3189,
107.0062

 10.5624, 7.0092,
11.8157


 121.1417,
104.8019, 137.3243

 5.8385, 3.4678,
6.4973

152.3961,
133.8141, 172.8880

 2.7869, 1.3806,
3.0761

188.6110,
167.7399, 214.1158

 1.0421, 0.2023,
1.1336

230.1517,

 0.0000, 0.0000,

206.9637, 261.4262

0.0000

277.3835,
251.8700, 315.2378

■ 38.4209, 30.2016,
43.3397

■ 38.4209, 30.2016,
43.3397

■ 35.4535, 25.3182,
39.1085

■ 41.9278, 36.1068,
47.9251

■ 32.9929, 21.3931,
35.2169

■ 45.9991, 43.0842,
52.8747

■ 31.0066, 18.3622,
31.6520

■ 50.6616, 51.1859,
58.2001

■ 29.4574, 16.1516,
28.3984

■ 55.9393, 60.4591,
63.9118

■ 28.3019, 14.6756,
25.4388

■ 61.8548, 70.9486,
70.0199

■ 27.4861, 13.8272,
22.7526

■ 68.4299, 82.6967,
76.5338

■ 27.2036, 13.5717,
21.7042

■ 72.2078, 88.7894,
82.3036

■ 73.1609, 89.1707,
87.3225

■ 74.1531, 89.5675,
92.5472

Harmonies

Analogous

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



35.0767, 30.2016, 58.4062



38.4209, 30.2016, 43.3397



39.0103, 30.2016, 28.7246

Triad

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



38.4209, 30.2016, 43.3397



27.2139, 30.2016, 12.8383



22.0326, 30.2016, 53.0391

Complementary

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



38.4209, 30.2016, 43.3397



34.6152, 47.1681, 36.9877

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.



20.3972, 30.2016, 37.4276



38.4209, 30.2016, 43.3397



23.1570, 30.2016, 16.1497

Square

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



38.4209, 30.2016, 43.3397



32.1557, 30.2016, 13.5912



20.7841, 30.2016, 24.2623



25.5117, 30.2016, 65.0190

Rectangle

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



38.4209, 30.2016, 43.3397



37.7021, 30.2016, 21.3963



20.7841, 30.2016, 24.2623



21.2680, 30.2016, 47.8874

Sweetspot

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



38.4218, 30.2030, 43.3403



85.1956, 82.7709, 97.9706



30.7046, 25.9185, 56.8110



17.9953, 17.2998, 20.6939



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.



38.4218, 30.2030, 43.3403



63.8640, 46.5959, 70.8575



35.4413, 29.0108, 27.6453



10.9184, 10.7507, 12.5534



17.7329, 8.8427, 14.3350



0.8731, 0.4321, 0.8548

Inverse Universe

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



38.4218, 30.2030, 43.3403



63.8640, 46.5959, 70.8575



37.9547, 48.5039, 54.5730



10.9184, 10.7507, 12.5534



17.7329, 8.8427, 14.3350



0.8731, 0.4321, 0.8548

Previews

White Background



This preview shows how the XYZ color 38.4209, 30.2016, 43.3397 looks on a white background.

Color Contrast Check

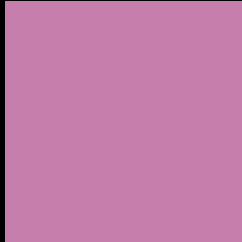
Large Text (above 18pt) WCAG AA × Fail

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 38.4209, 30.2016, 43.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

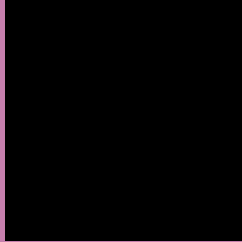
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4209, 30.2016, 43.3397

Background



This preview shows how black text looks on a background with the XYZ color 38.4209, 30.2016, 43.3397.



This preview shows how white text looks on a background with the XYZ color 38.4209, 30.2016,

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

38.4209, 30.2016, 43.3397

Protanopia

30.3748, 30.3431, 51.2696

Deuteranopia

31.0522, 30.4286, 42.2669



Tritanopia

35.5936, 30.2276, 29.9451

Trichromacy



Original Color

38.4209, 30.2016, 43.3397

Protanomaly

32.5195, 29.7106, 48.2767

Deuteranomaly

33.3779, 30.0634, 42.5717

Tritanomaly

36.4547, 30.1678, 34.4734

Monochromacy



Original Color

38.4209, 30.2016, 43.3397

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.6806, 30.9196, 37.5033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4209, 30.2016, 43.3397 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(198, 127, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 127, 173)  
}
```

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(198, 127, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 127, 173) }
```

Border

The CSS property to change the border of an element to XYZ 38.4209, 30.2016, 43.3397 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(198, 127, 173) }
```


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

```
.border{ border-color:rgb(198, 127, 173) }
```

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

Here you see how a box with a 4 pixel rgb(198, 127, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 127, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 127, 173);  
box-shadow:4px 4px 4px 4px rgb(198, 127,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4209, 30.2016, 43.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 127, 173) }
```

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

```
.background{ background-color: rgb(198,  
127, 173) }
```

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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