

Converting Colors

XYZ(42.1473, 39.1131, 48.5463)

Have a look what the booklet for
XYZ(42.1473, 39.1131, 48.5463)
contains.

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Color

**XYZ(42.1222, 39.1679,
48.5201)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9FB4
RGB	191, 159, 180
RGB Percent	75%, 62%, 71%
CMY	0.2510, 0.3765, 0.2941
CMYK	0.00, 0.17, 0.06, 0.25
HSL	321°, 20%, 69%
HSV	321°, 17%, 75%
XYZ	42.1222, 39.1679, 48.5201
YIQ	170.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

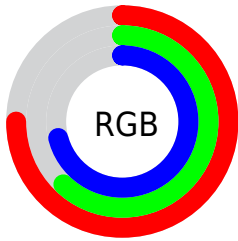
Format	Color
RYB	191, 159, 180
Decimal	12558260
CIELab	68.87, 15.38, -6.43
CIELCh	69, 16.667, 337.305
Yxy	39.1679, 0.3245, 0.3017
Android (android.graphics.Color)	4290748340 (0xFFBF9FB4)
YUV	170.9620, 4.4557, 17.5733
Hunter-Lab	62.5843, 10.6166, -2.1572

Details

The XYZ color **42.1222, 39.1679, 48.5201** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.1861, 47.5359, 45.0897**, and the grayscale version is **38.6645, 40.6781, 44.2984**.

A 20% lighter version of the original color is **77.8983, 74.1057, 89.5550**, and **19.4050, 17.3661, 22.4079** is the 20% darker color. If you saturate the color by 10%, you get **38.4352, 32.8387, 44.0688**, and if you desaturate by 10%, it is **46.3507, 46.5283, 53.3092**.

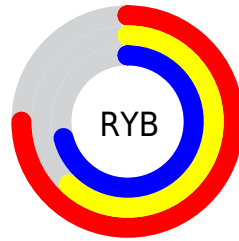
Distribution



Red (75%)

Green (62%)

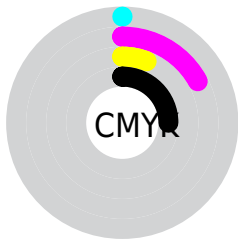
Blue (71%)



Red (75%)

Yellow (62%)

Blue (71%)

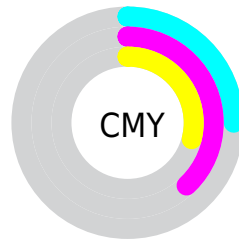


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.1222, 39.1679, 48.5201 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 42.1222, 39.1679, 48.5201 by changing the saturation by 10% instead.


 42.1222, 39.1679,
48.5201


 42.1222, 39.1679,
48.5201


345.9723,
342.6038, 397.4180

 29.3885, 26.8904,
33.8760


 77.6485, 73.8947,
89.3519

 19.5207, 17.4909,
22.5218

 101.1719, 97.1128,
116.3767

 12.1533, 10.5851,
14.0388

129.0225,
124.7466, 148.3654

 6.9211, 5.7886,
8.0086

161.5658,
157.1804, 185.7367

 3.4587, 2.7170,
4.0126

199.1671,
194.7986, 228.9091

 1.4007, 0.9858,
1.6323

242.1917,

 0.2567, 0.0000,

237.9856, 278.3011

0.3137

291.0049,
287.1259, 334.3312

■ 0.0000, 0.0000,
0.0000

■ 42.1222, 39.1679,
48.5201

■ 42.1222, 39.1679,
48.5201

■ 38.4352, 32.8387,
44.0688

■ 46.3507, 46.5283,
53.3092

■ 35.2626, 27.4889,
39.9428

■ 51.1394, 54.9582,
58.4430

■ 32.5801, 23.0698,
36.1322

■ 56.5104, 64.5006,
63.9314

■ 30.3599, 19.5269,
32.6255

■ 62.4835, 75.1944,
69.7831

■ 28.5714, 16.7995,
29.4102

■ 69.0774, 87.0766,
76.0063

■ 27.1801, 14.8194,
26.4726

■ 70.0849, 87.7320,
80.5337

■ 26.1459, 13.5071,
23.7968

■ 70.9688, 88.0856,
85.1884

■ 25.4150, 12.7558,
21.3624

■ 71.8873, 88.4530,
90.0248

■ 25.2094, 12.5658,
20.6121

■ 72.8406, 88.8343,
95.0450

Harmonies

Analogous

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



40.3976, 39.1679, 55.3199



42.1222, 39.1679, 48.5201



42.5063, 39.1679, 40.8209

Triad

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



42.1222, 39.1679, 48.5201



36.5847, 39.1679, 29.7647



33.3256, 39.1679, 52.1025

Complementary

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



42.1222, 39.1679, 48.5201



40.1861, 47.5359, 45.0897

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.



32.4057, 39.1679, 44.5271



42.1222, 39.1679, 48.5201



34.2285, 39.1679, 32.0746

Square

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



42.1222, 39.1679, 48.5201



39.2257, 39.1679, 30.5665



32.7282, 39.1679, 37.2684



35.2991, 39.1679, 57.5532

Rectangle

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



42.1222, 39.1679, 48.5201



41.9346, 39.1679, 36.3057



32.7282, 39.1679, 37.2684



32.8873, 39.1679, 49.6872

Sweetspot

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



42.1233, 39.1696, 48.5209



84.3772, 85.7215, 96.9706



38.3093, 37.0687, 54.4267



18.4003, 18.5990, 21.1538



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.



42.1233, 39.1696, 48.5209



72.9791, 65.9036, 83.9899



40.6164, 38.5668, 40.5853



9.7868, 9.6390, 11.2663



16.6061, 8.2736, 13.7513



0.6801, 0.3359, 0.6946

Inverse Universe

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



42.1233, 39.1696, 48.5209



72.9791, 65.9036, 83.9899



41.7577, 48.1645, 53.3655



9.7868, 9.6390, 11.2663



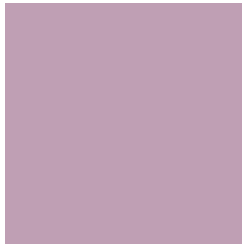
16.6061, 8.2736, 13.7513



0.6801, 0.3359, 0.6946

Previews

White Background



This preview shows how the XYZ color 42.1222, 39.1679, 48.5201 looks on a white background.

Color Contrast Check

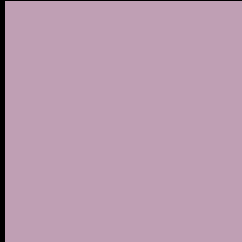
Large Text (above 18pt) WCAG AA × Fail

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 42.1222, 39.1679, 48.5201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

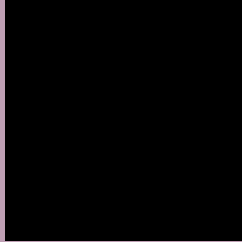
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.1222, 39.1679, 48.5201

Background



This preview shows how black text looks on a background with the XYZ color 42.1222, 39.1679, 48.5201.



This preview shows how white text looks on a background with the XYZ color 42.1222, 39.1679,

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

42.1222, 39.1679, 48.5201

Protanopia

38.3016, 39.2472, 51.4557

Deuteranopia

40.0563, 39.1524, 48.0938



Tritanopia

41.3488, 39.1059, 44.9040

Trichromacy



Original Color

42.1222, 39.1679, 48.5201

Protanomaly

39.5019, 39.0838, 50.2617

Deuteranomaly

40.8242, 39.2857, 48.0791

Tritanomaly

41.6425, 39.2234, 46.4504

Monochromacy



Original Color

42.1222, 39.1679, 48.5201

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.8188, 40.1584, 45.6971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.1222, 39.1679, 48.5201 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(191, 159, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 159, 180)  
}
```

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(191, 159, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 159, 180) }
```

Border

The CSS property to change the border of an element to XYZ 42.1222, 39.1679, 48.5201 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(191, 159, 180) }
```


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

```
.border{ border-color:rgb(191, 159, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 159, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 159, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 159, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 159,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 42.1222, 39.1679, 48.5201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 159, 180) }
```

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

```
.background{ background-color: rgb(191,  
159, 180) }
```

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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