

Converting Colors

XYZ(42.2629, 38.2591, 47.2767)

Have a look what the booklet for
XYZ(42.2629, 38.2591, 47.2767)
contains.

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Color

**XYZ(42.2629, 38.2591,
47.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	C39BB2
RGB	195, 155, 178
RGB Percent	76%, 61%, 70%
CMY	0.2353, 0.3921, 0.3020
CMYK	0.00, 0.21, 0.09, 0.24
HSL	326°, 25%, 69%
HSV	326°, 21%, 76%
XYZ	42.2629, 38.2591, 47.2767
YIQ	169.5820, 16.4570, 15.6330

Conversions

Conversions Part 2

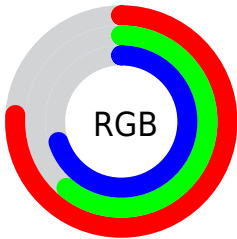
Format	Color
R _Y B	195, 155, 178
Decimal	12819378
CIE Lab	68.21, 18.65, -6.25
CIE LCh	68, 19.673, 341.461
Yxy	38.2591, 0.3307, 0.2994
Android (android.graphics.Color)	4291009458 (0xFFC39BB2)
YUV	169.5820, 4.1501, 22.2916
Hunter-Lab	61.8539, 13.7192, -2.0192

Details

The XYZ color **42.2629, 38.2591, 47.2767** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4806, 48.9784, 46.3522**, and the grayscale version is **37.9757, 39.9534, 43.5093**.

A 20% lighter version of the original color is **78.0428, 72.7291, 87.7667**, and **19.6365, 17.0440, 21.6569** is the 20% darker color. If you saturate the color by 10%, you get **38.4690, 31.9627, 42.0297**, and if you desaturate by 10%, it is **46.6334, 45.6272, 52.9648**.

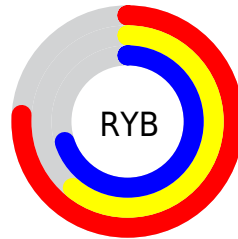
Distribution



Red (76%)

Green (61%)

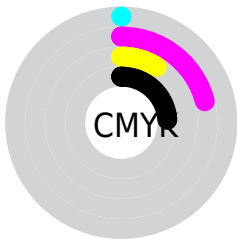
Blue (70%)



Red (76%)

Yellow (61%)

Blue (70%)

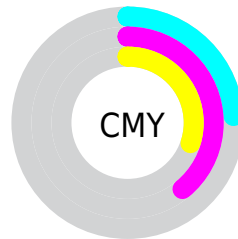


Cyan (0%)

Magenta (21%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.2629, 38.2591, 47.2767 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 42.2629, 38.2591, 47.2767 by changing the saturation by 10% instead.


 42.2629, 38.2591,
47.2767

 42.2629, 38.2591,
47.2767

346.5447,
338.7301, 392.3436

 29.4992, 26.1838,
32.8985


 77.8600, 72.5051,
87.4808

 19.6050, 16.9612,
21.7783

 101.4242, 95.4446,
114.1438

 12.2148, 10.2069,
13.4973


129.3192,
122.7744, 145.7389

 6.9634, 5.5363,
7.6371

161.9104,
154.8787, 182.6845

 3.4853, 2.5652,
3.7792

199.5633,
192.1421, 225.3993

 1.4153, 0.9092,
1.5050

242.6430,

 0.2671, 0.0000,

234.9488, 274.3017

0.2217

291.5150,
283.6834, 329.8103

■ 0.0000, 0.0000,
0.0000

■ 42.2629, 38.2591,
47.2767

■ 42.2629, 38.2591,
47.2767

■ 38.4690, 31.9627,
42.0297

■ 46.6334, 45.6272,
52.9648

■ 35.2223, 26.6822,
37.2085

■ 51.6014, 54.1089,
59.1041

■ 32.4960, 22.3647,
32.8001

■ 57.1909, 63.7505,
65.7069

■ 30.2592, 18.9502,
28.7895

■ 63.4234, 74.5937,
72.7846

■ 28.4779, 16.3721,
25.1608

■ 70.3197, 86.6784,
80.3480

■ 27.1133, 14.5544,
21.8961

■ 72.2322, 88.7087,
86.5184

■ 26.1196, 13.4070,
18.9750

■ 73.4090, 89.1795,
92.7156

■ 25.4372, 12.7747,
16.4888

■ 74.6418, 89.6726,
99.2073

■ 75.9312, 90.1883,
105.9971

Harmonies

Analogous

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



40.4211, 38.2591, 55.6796



42.2629, 38.2591, 47.2767



42.4721, 38.2591, 38.3827

Triad

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



42.2629, 38.2591, 47.2767



35.2019, 38.2591, 27.1683



32.1108, 38.2591, 53.9053

Complementary

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



42.2629, 38.2591, 47.2767



40.4806, 48.9784, 46.3522

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.



30.8718, 38.2591, 45.1138



42.2629, 38.2591, 47.2767



32.5881, 38.2591, 30.2128

Square

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



42.2629, 38.2591, 47.2767



38.2766, 38.2591, 27.5772



31.0415, 38.2591, 36.5025



34.5165, 38.2591, 59.8629

Rectangle

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



42.2629, 38.2591, 47.2767



41.6443, 38.2591, 33.4301



31.0415, 38.2591, 36.5025



31.5503, 38.2591, 51.1353

Sweetspot

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



42.2640, 38.2608, 47.2775



87.3164, 88.1781, 99.6164



38.5134, 36.1177, 56.5719



18.9930, 19.0910, 21.6555



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.



42.2640, 38.2608, 47.2775



72.2544, 62.7905, 79.9934



40.4287, 37.5267, 37.6128



10.3104, 10.1728, 11.7254



16.5754, 8.3199, 10.9420



0.7501, 0.3730, 0.6513

Inverse Universe

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



42.2640, 38.2608, 47.2775



72.2544, 62.7905, 79.9934



42.5114, 49.7908, 57.0465



10.3104, 10.1728, 11.7254



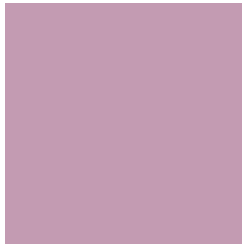
16.5754, 8.3199, 10.9420



0.7501, 0.3730, 0.6513

Previews

White Background



This preview shows how the XYZ color 42.2629, 38.2591, 47.2767 looks on a white background.

Color Contrast Check

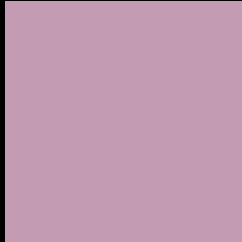
Large Text (above 18pt) WCAG AA × Fail

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 42.2629, 38.2591, 47.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

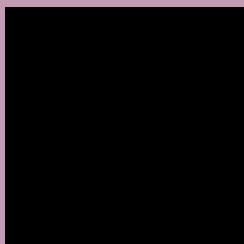
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.2629, 38.2591, 47.2767

Background



This preview shows how black text looks on a background with the XYZ color 42.2629, 38.2591, 47.2767.



This preview shows how white text looks on a background with the XYZ color 42.2629, 38.2591,

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

42.2629, 38.2591, 47.2767

Protanopia

37.4167, 38.2635, 50.7609

Deuteranopia

39.2162, 38.4800, 46.9554



Tritanopia

41.4665, 38.4478, 42.7718

Trichromacy



Original Color

42.2629, 38.2591, 47.2767

Protanomaly

38.8676, 37.9811, 49.5385

Deuteranomaly

40.1011, 38.1609, 46.8472

Tritanomaly

41.5830, 38.2248, 44.2162

Monochromacy



Original Color

42.2629, 38.2591, 47.2767

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.5884, 39.5111, 45.0750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.2629, 38.2591, 47.2767 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(195, 155, 178)` looks like.

```
.text, #text, p{  
    color:rgb(195, 155, 178)  
}
```

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(195, 155, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 155, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.2629, 38.2591, 47.2767 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(195, 155, 178) }
```


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

```
.border{ border-color:rgb(195, 155, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 155, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 155, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 155, 178);  
box-shadow:4px 4px 4px 4px rgb(195, 155,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.2629, 38.2591, 47.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 155, 178) }
```

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

```
.background{ background-color: rgb(195,  
155, 178) }
```

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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