

Converting Colors

XYZ(41.3024, 38.2232, 47.1678)

Have a look what the booklet for
XYZ(41.3024, 38.2232, 47.1678)
contains.

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Color

**XYZ(41.3281, 38.2754,
47.3292)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9DB2
RGB	190, 157, 178
RGB Percent	75%, 62%, 70%
CMY	0.2549, 0.3843, 0.3020
CMYK	0.00, 0.17, 0.06, 0.25
HSL	322°, 20%, 68%
HSV	322°, 17%, 75%
XYZ	41.3281, 38.2754, 47.3292
YIQ	169.2610, 12.9270, 13.5270

Conversions

Conversions Part 2

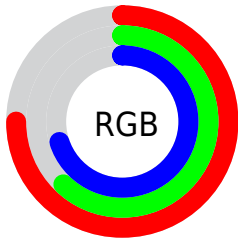
Format	Color
R_{YB}	190, 157, 178
Decimal	12492210
CIE Lab	68.22, 15.77, -6.29
CIE LCh	68, 16.974, 338.249
Yxy	38.2754, 0.3256, 0.3015
Android (android.graphics.Color)	4290682290 (0xFFBE9DB2)
YUV	169.2610, 4.3083, 18.1881
Hunter-Lab	61.8671, 10.9730, -2.0507

Details

The XYZ color **41.3281, 38.2754, 47.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4810, 46.8607, 44.5024**, and the grayscale version is **37.8170, 39.7864, 43.3274**.

A 20% lighter version of the original color is **76.7525, 72.8016, 87.8487**, and **19.0090, 17.0230, 21.6859** is the 20% darker color. If you saturate the color by 10%, you get **37.6840, 32.0692, 42.7775**, and if you desaturate by 10%, it is **45.5093, 45.4987, 52.2332**.

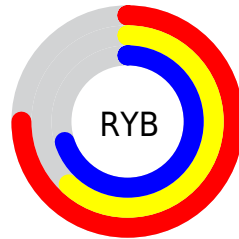
Distribution



Red (75%)

Green (62%)

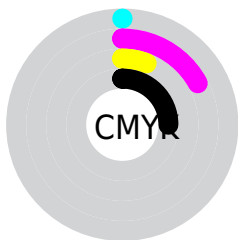
Blue (70%)



Red (75%)

Yellow (62%)

Blue (70%)

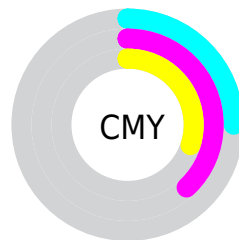


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3281, 38.2754, 47.3292 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 41.3281, 38.2754, 47.3292 by changing the saturation by 10% instead.


 41.3281, 38.2754,
47.3292


 41.3281, 38.2754,
47.3292


342.7292,
338.7999, 392.5588

 28.7643, 26.1965,
32.9398


 76.4533, 72.5301,
87.5599

 19.0460, 16.9707,
21.8096


 99.7454, 95.4746,
114.2383

 11.8077, 10.2136,
13.5201


127.3444,
122.8098, 145.8501

 6.6842, 5.5408,
7.6527

159.6155,
154.9201, 182.8138

 3.3099, 2.5679,
3.7890

196.9243,
192.1899, 225.5480

 1.3197, 0.9106,
1.5103

239.6359,

 0.1979, 0.0000,

235.0035, 274.4712

0.2256

288.1158,
283.7454, 330.0019

■ 0.0000, 0.0000,
0.0000

■ 41.3281, 38.2754,
47.3292

■ 41.3281, 38.2754,
47.3292

■ 37.6840, 32.0692,
42.7775

■ 45.5093, 45.4987,
52.2332

■ 34.5501, 26.8288,
38.5654

■ 50.2462, 53.7774,
57.4970

■ 31.9021, 22.5060,
34.6827

■ 55.5608, 63.1538,
63.1306

■ 29.7124, 19.0464,
31.1174

■ 61.4727, 73.6666,
69.1429

■ 27.9506, 16.3899,
27.8569

■ 68.0007, 85.3525,
75.5426

■ 26.5821, 14.4683,
24.8867

■ 69.8424, 87.6061,
80.5645

■ 25.5669, 13.2026,
22.1907

■ 70.7738, 87.9786,
85.4694

■ 24.8476, 12.4790,
19.7470

■ 71.7435, 88.3665,
90.5757

■ 24.6808, 12.3254,
19.1362

■ 72.7519, 88.7699,
95.8858

Harmonies

Analogous

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



39.6311, 38.2754, 54.2385



41.3281, 38.2754, 47.3292



41.6671, 38.2754, 39.6136

Triad

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



41.3281, 38.2754, 47.3292



35.6524, 38.2754, 28.8207



32.5174, 38.2754, 51.3935

Complementary

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



41.3281, 38.2754, 47.3292



39.4810, 46.8607, 44.5024

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.



31.5595, 38.2754, 43.8076



41.3281, 38.2754, 47.3292



33.3110, 38.2754, 31.2195

Square

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



41.3281, 38.2754, 47.3292



38.3036, 38.2754, 29.5217



31.8428, 38.2754, 36.4908



34.5212, 38.2754, 56.7765

Rectangle

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



41.3281, 38.2754, 47.3292



41.0625, 38.2754, 35.1339



31.8428, 38.2754, 36.4908



32.0670, 38.2754, 48.9823

Sweetspot

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



41.3292, 38.2771, 47.3300



84.3400, 85.7066, 96.7749



37.6186, 36.2188, 53.7242



18.3911, 18.5953, 21.1050



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.



41.3292, 38.2771, 47.3300



72.1551, 64.6775, 82.4147



39.8107, 37.6697, 39.3336



9.7787, 9.6358, 11.2237



16.4498, 8.2111, 12.9281



0.6747, 0.3338, 0.6663

Inverse Universe

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



41.3292, 38.2771, 47.3300



72.1551, 64.6775, 82.4147



41.0816, 47.5010, 52.9310



9.7787, 9.6358, 11.2237



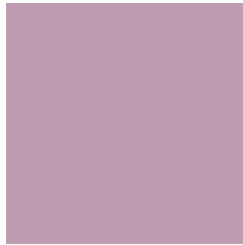
16.4498, 8.2111, 12.9281



0.6747, 0.3338, 0.6663

Previews

White Background



This preview shows how the XYZ color 41.3281, 38.2754, 47.3292 looks on a white background.

Color Contrast Check

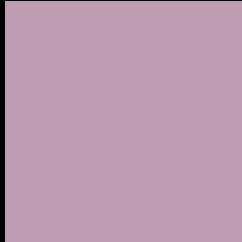
Large Text (above 18pt) WCAG AA × Fail

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 41.3281, 38.2754, 47.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

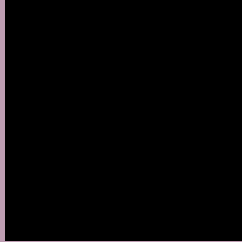
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.3281, 38.2754, 47.3292

Background



This preview shows how black text looks on a background with the XYZ color 41.3281, 38.2754, 47.3292.



This preview shows how white text looks on a background with the XYZ color 41.3281, 38.2754,

47.3292.

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

41.3281, 38.2754, 47.3292

Protanopia

37.5194, 38.3285, 50.2204

Deuteranopia

39.2162, 38.4800, 46.9554



Tritanopia

40.5638, 38.2128, 43.7659

Trichromacy



Original Color

41.3281, 38.2754, 47.3292

Protanomaly

38.7164, 38.1755, 49.0441

Deuteranomaly

39.7980, 38.2610, 46.8825

Tritanomaly

40.8531, 38.3285, 45.2894

Monochromacy



Original Color

41.3281, 38.2754, 47.3292

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.0330, 39.2359, 44.5458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3281, 38.2754, 47.3292 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(190, 157, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 157, 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(190, 157, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 157, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.3281, 38.2754, 47.3292 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(190, 157, 178) }
```


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

```
.border{ border-color:rgb(190, 157, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 157, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 157, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 157, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 157,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3281, 38.2754, 47.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 157, 178) }
```

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

```
.background{ background-color: rgb(190,  
157, 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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