

Converting Colors

XYZ(38.4931, 31.4726, 41.1823)

Have a look what the booklet for
XYZ(38.4931, 31.4726, 41.1823)
contains.

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Color

**XYZ(38.4814, 31.4725,
41.0924)**

Conversions

Conversions Part 1

Format	Color
Hex	C585A8
RGB	197, 133, 168
RGB Percent	77%, 52%, 66%
CMY	0.2274, 0.4784, 0.3412
CMYK	0.00, 0.32, 0.15, 0.23
HSL	327°, 36%, 65%
HSV	327°, 32%, 77%
XYZ	38.4814, 31.4725, 41.0924
YIQ	156.1260, 26.9090, 24.4530

Conversions

Conversions Part 2

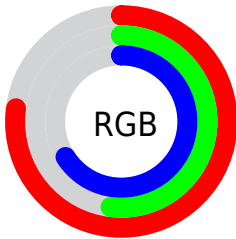
Format	Color
RYB	197, 133, 168
Decimal	12944808
CIELab	62.90, 29.79, -8.49
CIELCh	63, 30.972, 344.091
Yxy	31.4725, 0.3465, 0.2834
Android (android.graphics.Color)	4291134888 (0xFFC585A8)
YUV	156.1260, 5.8539, 35.8465
Hunter-Lab	56.1004, 24.2644, -4.1585

Details

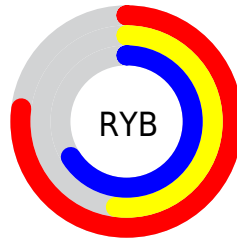
The XYZ color **38.4814, 31.4725, 41.0924** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **36.1621, 47.5286, 41.4526**, and the grayscale version is **31.6232, 33.2701, 36.2311**.

A 20% lighter version of the original color is **72.3296, 62.1284, 77.9918**, and **17.3250, 13.0463, 18.1281** is the 20% darker color. If you saturate the color by 10%, you get **35.2298, 26.2545, 36.0453**, and if you desaturate by 10%, it is **42.2978, 37.7278, 46.6102**.

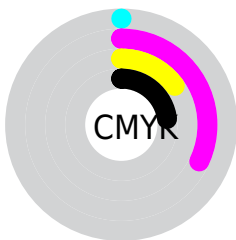
Distribution



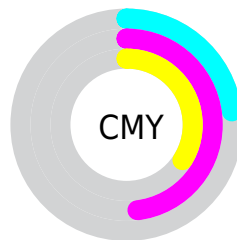
- Red (77%)
- Green (52%)
- Blue (66%)



- Red (77%)
- Yellow (52%)
- Blue (66%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (23%)





- Cyan (23%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4814, 31.4725, 41.0924 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 38.4814, 31.4725, 41.0924 by changing the saturation by 10% instead.

 38.4814, 31.4725,
41.0924

 38.4814, 31.4725,
41.0924


330.9258,
308.7093, 366.3947


 26.5354, 20.9589,
28.0710


 72.1446, 61.9832,
78.0793

 17.3594, 13.0940,
18.1397


 94.5925, 82.7491,
102.8820

 10.5880, 7.4933,
10.8799


 121.2717,
107.7013, 132.4488

 5.8557, 3.7725,
5.8730

152.5477,
137.2240, 167.1984

 2.7974, 1.5471,
2.7004

188.7857,
171.7018, 207.5492

 1.0475, 0.3215,
0.9437

230.3512,

 0.0000, 0.0000,

211.5190, 253.9199

0.0000

277.6094,
257.0600, 306.7289

■ 38.4814, 31.4725,
41.0924

■ 38.4814, 31.4725,
41.0924

■ 35.2298, 26.2545,
36.0453

■ 42.2978, 37.7278,
46.6102

■ 32.5107, 22.0124,
31.4514

■ 46.7034, 45.0688,
52.6113

■ 30.2927, 18.6849,
27.2949


■ 51.7246, 53.5461,
59.1100


■ 28.5398, 16.2018,
23.5579


■ 57.3852, 63.2057,
66.1196


■ 27.2108, 14.4828,
20.2202


■ 63.7078, 74.0911,
73.6524


 26.2565, 13.4315,
17.2593

 70.7139, 86.2436,
81.7207

 25.7186, 12.9474,
15.2556

 73.1382, 89.1312,
88.5741

 74.4280, 89.6472,
95.3663

 75.7831, 90.1892,
102.5020

Harmonies

Analogous

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



35.9679, 31.4725, 53.9771



38.4814, 31.4725, 41.0924



38.5608, 31.4725, 28.8799

Triad

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



38.4814, 31.4725, 41.0924



27.9678, 31.4725, 16.2112



24.4196, 31.4725, 53.2694

Complementary

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



38.4814, 31.4725, 41.0924



36.1621, 47.5286, 41.4526

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.



22.6667, 31.4725, 40.2882



38.4814, 31.4725, 41.0924



24.5800, 31.4725, 20.0569

Square

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



38.4814, 31.4725, 41.0924



32.2102, 31.4725, 16.3281



22.7225, 31.4725, 28.2447



27.7290, 31.4725, 62.0645

Rectangle

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



38.4814, 31.4725, 41.0924



37.2048, 31.4725, 22.7523



22.7225, 31.4725, 28.2447



23.6433, 31.4725, 49.1322

Sweetspot

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



38.4823, 31.4739, 41.0930



85.6428, 84.0737, 96.8605



33.3266, 28.4683, 56.5623



18.0680, 17.5529, 20.3859



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.



38.4823, 31.4739, 41.0930



64.6777, 49.5360, 67.0822



35.8728, 30.4302, 27.3517



10.8724, 10.7324, 12.3115



16.9587, 8.5331, 10.2586



0.8392, 0.4185, 0.6763

Inverse Universe

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



38.4823, 31.4739, 41.0930



64.6777, 49.5360, 67.0822



39.3553, 48.8060, 58.2681



10.8724, 10.7324, 12.3115



16.9587, 8.5331, 10.2586



0.8392, 0.4185, 0.6763

Previews

White Background



This preview shows how the XYZ color 38.4814, 31.4725, 41.0924 looks on a white background.

Color Contrast Check

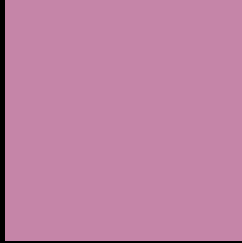
Large Text (above 18pt) WCAG AA × Fail

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 38.4814, 31.4725, 41.0924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

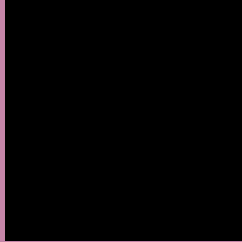
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4814, 31.4725, 41.0924

Background



This preview shows how black text looks on a background with the XYZ color 38.4814, 31.4725, 41.0924.



This preview shows how white text looks on a background with the XYZ color 38.4814, 31.4725,

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

38.4814, 31.4725, 41.0924

Protanopia

31.3374, 31.6315, 47.6339

Deuteranopia

32.2817, 31.5778, 39.9910



Tritanopia

36.7178, 31.6000, 31.7679

Trichromacy



Original Color

38.4814, 31.4725, 41.0924

Protanomaly

33.3268, 31.0804, 45.3169

Deuteranomaly

34.3846, 31.5121, 40.3466

Tritanomaly

37.4855, 31.7106, 35.1554

Monochromacy



Original Color

38.4814, 31.4725, 41.0924

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.7297, 32.3758, 37.7291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4814, 31.4725, 41.0924 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(197, 133, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 133, 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(197, 133, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 133, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.4814, 31.4725, 41.0924 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(197, 133, 168) }
```


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

```
.border{ border-color:rgb(197, 133, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 133, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 133, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 133, 168);  
box-shadow:4px 4px 4px 4px rgb(197, 133,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4814, 31.4725, 41.0924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 133, 168) }
```

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

```
.background{ background-color: rgb(197,  
133, 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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