

Converting Colors

XYZ(41.1444, 40.7494, 48.3308)

Have a look what the booklet for
XYZ(41.1444, 40.7494, 48.3308)
contains.

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Color

**XYZ(41.2468, 40.8372,
48.3563)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A7B3
RGB	182, 167, 179
RGB Percent	71%, 65%, 70%
CMY	0.2863, 0.3451, 0.2980
CMYK	0.00, 0.08, 0.02, 0.29
HSL	312°, 9%, 68%
HSV	312°, 8%, 71%
XYZ	41.2468, 40.8372, 48.3563
YIQ	172.8530, 5.0880, 6.9120

Conversions

Conversions Part 2

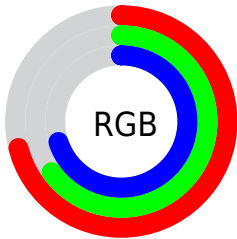
Format	Color
RYB	182, 167, 179
Decimal	11970483
CIELab	70.06, 7.59, -4.21
CIELCh	70, 8.680, 331.000
Yxy	40.8372, 0.3162, 0.3131
Android (android.graphics.Color)	4290160563 (0xFFB6A7B3)
YUV	172.8530, 3.0305, 8.0219
Hunter-Lab	63.9040, 3.3808, -0.1321

Details

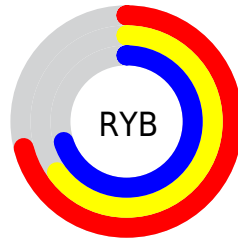
The XYZ color **41.2468, 40.8372, 48.3563** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.9215, 44.5747, 44.5320**, and the grayscale version is **39.6298, 41.6937, 45.4044**.

A 20% lighter version of the original color is **76.3766, 76.4179, 89.3219**, and **18.9499, 18.4350, 22.2982** is the 20% darker color. If you saturate the color by 10%, you get **37.7815, 34.4876, 45.4088**, and if you desaturate by 10%, it is **45.1934, 48.1328, 51.5131**.

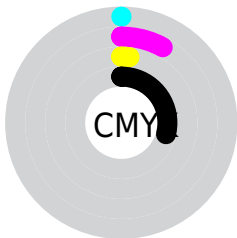
Distribution



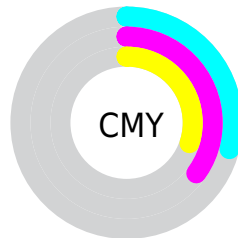
- Red (71%)
- Green (65%)
- Blue (70%)



- Red (71%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2468, 40.8372, 48.3563 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 41.2468, 40.8372, 48.3563 by changing the saturation by 10% instead.

■ 41.2468, 40.8372,
48.3563

■ 41.2468, 40.8372,
48.3563

342.3960,
349.6397, 396.7521

■ 28.7005, 28.1919,
33.7471

■ 76.3307, 76.4367,
89.1057

■ 18.9975, 18.4704,
22.4236

■ 99.5991, 100.1597,
116.0831

■ 11.7725, 11.2882,
13.9672

127.1722,
128.3440, 148.0202

■ 6.6600, 6.2610,
7.9594

159.4154,
161.3741, 185.3357

■ 3.2948, 3.0045,
3.9816

196.6940,
199.6343, 228.4481

■ 1.3115, 1.1341,
1.6152

239.3734,

■ 0.1918, 0.0068,

243.5091, 277.7760

0.3017

287.8190,
293.3827, 333.7377

■ 0.0000, 0.0000,
0.0000

■ 41.2468, 40.8372,
48.3563

■ 41.2468, 40.8372,
48.3563

■ 37.7815, 34.4876,
45.4088

■ 45.1934, 48.1328,
51.5131

■ 34.7744, 29.0395,
42.6613

■ 49.6363, 56.4056,
54.8832

■ 32.2058, 24.4530,
40.1070

■ 54.5939, 65.6924,
58.4736

■ 30.0531, 20.6832,
37.7383

■ 60.0830, 76.0260,
62.2902

■ 28.2916, 17.6807,
35.5465

■ 65.1531, 85.5058,
66.0165

■ 26.8941, 15.3913,
33.5222

■ 65.5760, 85.6750,
68.2434

■ 25.8297, 13.7532,
31.6546

■ 66.0091, 85.8482,
70.5239

■ 25.0624, 12.6945,
29.9313

■ 66.4524, 86.0255,
72.8581

■ 24.5331, 12.0974,
28.3323

■ 66.9059, 86.2069,
75.2465

Harmonies

Analogous

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



40.2349, 40.8372, 51.4947



41.2468, 40.8372, 48.3563



41.6031, 40.8372, 44.3287

Triad

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



41.2468, 40.8372, 48.3563



38.7670, 40.8372, 37.1098



36.5255, 40.8372, 48.6063

Complementary

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



41.2468, 40.8372, 48.3563



39.9215, 44.5747, 44.5320

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.



36.1534, 40.8372, 44.6011



41.2468, 40.8372, 48.3563



37.4280, 40.8372, 38.1056

Square

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



41.2468, 40.8372, 48.3563



40.1506, 40.8372, 37.9828



36.4798, 40.8372, 40.7878



37.5085, 40.8372, 51.6451

Rectangle

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



41.2468, 40.8372, 48.3563



41.4143, 40.8372, 41.7264



36.4798, 40.8372, 40.7878



36.3259, 40.8372, 47.3204

Sweetspot

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



41.2480, 40.8390, 48.3572



79.1161, 82.0408, 91.1759



38.8415, 39.5629, 49.8458



17.4912, 18.1516, 20.1514



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.2480, 40.8390, 48.3572



73.5023, 71.6873, 86.6099



40.5099, 40.5438, 44.4707



9.3019, 9.1311, 10.9370



17.2890, 8.4894, 19.9407



0.6293, 0.3072, 0.8076

Inverse Universe

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



41.2480, 40.8390, 48.3572



73.5023, 71.6873, 86.6099



40.6514, 44.8667, 48.3754



9.3019, 9.1311, 10.9370



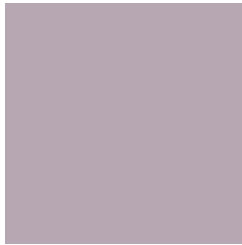
17.2890, 8.4894, 19.9407



0.6293, 0.3072, 0.8076

Previews

White Background



This preview shows how the XYZ color 41.2468, 40.8372, 48.3563 looks on a white background.

Color Contrast Check

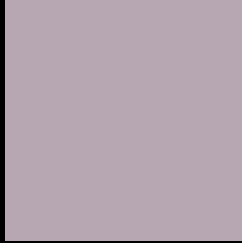
Large Text (above 18pt) WCAG AA × Fail

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 41.2468, 40.8372, 48.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

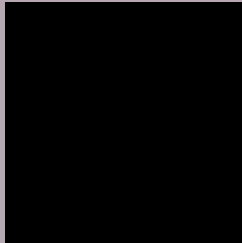
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.2468, 40.8372, 48.3563

Background



This preview shows how black text looks on a background with the XYZ color 41.2468, 40.8372, 48.3563.



This preview shows how white text looks on a background with the XYZ color 41.2468, 40.8372,

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

41.2468, 40.8372, 48.3563

Protanopia

39.7285, 40.8563, 49.5082

Deuteranopia

41.5401, 40.7175, 48.3177



Tritanopia

41.3483, 40.8778, 48.8909

Trichromacy



Original Color

41.2468, 40.8372, 48.3563

Protanomaly

40.3307, 40.9013, 48.9491

Deuteranomaly

41.3013, 40.5944, 48.3065

Tritanomaly

41.3483, 40.8778, 48.8909

Monochromacy



Original Color

41.2468, 40.8372, 48.3563

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.2053, 41.4511, 46.4393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2468, 40.8372, 48.3563 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(182, 167, 179)` looks like.

```
.text, #text, p{  
    color:rgb(182, 167, 179)  
}
```

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(182, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 167, 179) }
```

Border

The CSS property to change the border of an element to XYZ 41.2468, 40.8372, 48.3563 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(182, 167, 179) }
```


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

```
.border{ border-color:rgb(182, 167, 179) }
```

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

Here you see how a box with a 4 pixel rgb(182, 167, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 167, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 167, 179);  
box-shadow:4px 4px 4px 4px rgb(182, 167,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2468, 40.8372, 48.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 167, 179) }
```

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

```
.background{ background-color: rgb(182,  
167, 179) }
```

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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