

Converting Colors

XYZ(40.8241, 41.0094, 47.3322)

Have a look what the booklet for
XYZ(40.8241, 41.0094, 47.3322)
contains.

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Color

**XYZ(40.7608, 40.8829,
47.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A8B1
RGB	180, 168, 177
RGB Percent	71%, 66%, 69%
CMY	0.2941, 0.3412, 0.3059
CMYK	0.00, 0.07, 0.02, 0.29
HSL	315°, 7%, 68%
HSV	315°, 7%, 71%
XYZ	40.7608, 40.8829, 47.3378
YIQ	172.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

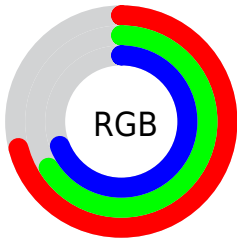
Format	Color
RYB	180, 168, 177
Decimal	11839665
CIELab	70.09, 5.96, -3.07
CIELCh	70, 6.707, 332.720
Yxy	40.8829, 0.3160, 0.3170
Android (android.graphics.Color)	4290029745 (0xFFB4A8B1)
YUV	172.6140, 2.1623, 6.4775
Hunter-Lab	63.9397, 1.8970, 0.8625

Details

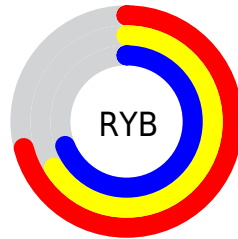
The XYZ color **40.7608, 40.8829, 47.3378** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8219, 43.9086, 44.9066**, and the grayscale version is **39.5128, 41.5706, 45.2704**.

A 20% lighter version of the original color is **75.6877, 76.4914, 87.8659**, and **18.6359, 18.4580, 21.6493** is the 20% darker color. If you saturate the color by 10%, you get **37.2242, 34.5153, 43.9822**, and if you desaturate by 10%, it is **44.7746, 48.1800, 50.9265**.

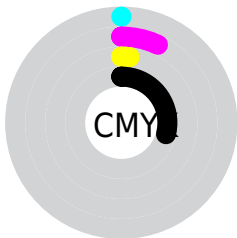
Distribution



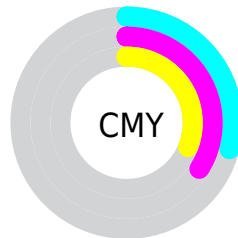
- Red (71%)
- Green (66%)
- Blue (69%)



- Red (71%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7608, 40.8829, 47.3378 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 40.7608, 40.8829, 47.3378 by changing the saturation by 10% instead.

■ 40.7608, 40.8829,
47.3378

■ 40.7608, 40.8829,
47.3378

340.3996,
349.8310, 392.5940

■ 28.3191, 28.2276,
32.9465

■ 75.5976, 76.5061,
87.5729

■ 18.7080, 18.4973,
21.8147

■ 98.7235, 100.2428,
114.2538

■ 11.5622, 11.3076,
13.5238

126.1414,
128.4421, 145.8683

■ 6.5164, 6.2741,
7.6553

158.2167,
161.4883, 182.8350

■ 3.2052, 3.0125,
3.7906

195.3149,
199.7659, 225.5723

■ 1.2632, 1.1383,
1.5112

237.8012,

■ 0.1554, 0.0104,

243.6593, 274.4989

0.2262

286.0409,
293.5529, 330.0333

■ 0.0000, 0.0000,
0.0000

■ 40.7608, 40.8829,
47.3378

■ 40.7608, 40.8829,
47.3378

■ 37.2242, 34.5153,
43.9822

■ 44.7746, 48.1800,
50.9265

■ 34.1422, 29.0342,
40.8499

■ 49.2798, 56.4366,
54.7522

■ 31.4960, 24.4012,
37.9345

■ 54.2946, 65.6883,
58.8222

■ 29.2636, 20.5730,
35.2280

■ 59.8350, 75.9668,
63.1424

■ 27.4214, 17.5024,
32.7218

■ 64.9503, 85.3705,
67.3966

■ 25.9433, 15.1374,
30.4063

■ 65.4826, 85.5834,
70.1995

■ 24.7997, 13.4192,
28.2711

■ 66.0305, 85.8026,
73.0846

■ 23.9565, 12.2797,
26.3039

■ 66.5941, 86.0280,
76.0525

■ 23.3667, 11.6253,
24.4884

■ 67.1736, 86.2598,
79.1040

Harmonies

Analogous

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



40.0080, 40.8829, 49.7865



40.7608, 40.8829, 47.3378



41.0007, 40.8829, 44.2287

Triad

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



40.7608, 40.8829, 47.3378



38.7581, 40.8829, 38.7552



37.1122, 40.8829, 47.8565

Complementary

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



40.7608, 40.8829, 47.3378



39.8219, 43.9086, 44.9066

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.



36.7912, 40.8829, 44.8015



40.7608, 40.8829, 47.3378



37.7302, 40.8829, 39.6285

Square

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



40.7608, 40.8829, 47.3378



39.8317, 40.8829, 39.3641



37.0153, 40.8829, 41.8058



37.9003, 40.8829, 50.0957

Rectangle

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



40.7608, 40.8829, 47.3378



40.8340, 40.8829, 42.2244



37.0153, 40.8829, 41.8058



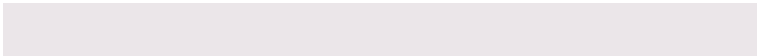
36.9468, 40.8829, 46.8860

Sweetspot

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



40.7620, 40.8847, 47.3387



77.1693, 80.0442, 88.7936



39.0371, 39.9605, 48.8362



16.6960, 17.3313, 19.2067



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.7620, 40.8847, 47.3387



72.9117, 72.3278, 84.9122



40.1771, 40.6507, 44.2587



8.7574, 8.6097, 10.2210



16.2165, 8.0042, 16.8319



0.5319, 0.2605, 0.6439

Inverse Universe

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



40.7620, 40.8847, 47.3387



72.9117, 72.3278, 84.9122



40.4068, 44.1426, 47.9866



8.7574, 8.6097, 10.2210



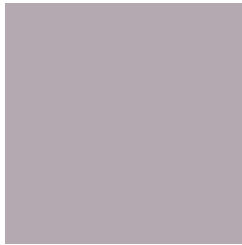
16.2165, 8.0042, 16.8319



0.5319, 0.2605, 0.6439

Previews

White Background



This preview shows how the XYZ color 40.7608, 40.8829, 47.3378 looks on a white background.

Color Contrast Check

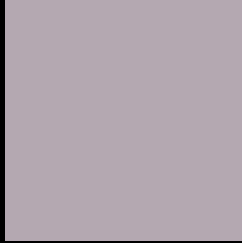
Large Text (above 18pt) WCAG AA × Fail

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 40.7608, 40.8829, 47.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

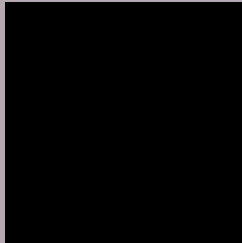
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7608, 40.8829, 47.3378

Background



This preview shows how black text looks on a background with the XYZ color 40.7608, 40.8829, 47.3378.



This preview shows how white text looks on a background with the XYZ color 40.7608, 40.8829,

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

40.7608, 40.8829, 47.3378

Protanopia

39.4239, 40.7345, 47.9042

Deuteranopia

41.5796, 40.7610, 47.2712



Tritanopia

41.2153, 40.7974, 49.4185

Trichromacy



Original Color

40.7608, 40.8829, 47.3378

Protanomaly

39.9030, 40.7042, 47.8731

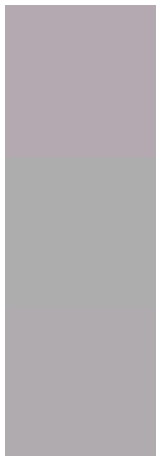
Deuteranomaly

41.2830, 40.8790, 47.3096

Tritanomaly

41.1130, 40.7565, 48.8799

Monochromacy



Original Color

40.7608, 40.8829, 47.3378

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.1074, 41.4119, 45.9238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7608, 40.8829, 47.3378 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(180, 168, 177)` looks like.

```
.text, #text, p{  
    color:rgb(180, 168, 177)  
}
```

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(180, 168, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 168, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.7608, 40.8829, 47.3378 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(180, 168, 177) }
```


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

```
.border{ border-color:rgb(180, 168, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 168, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 168, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 168, 177); box-shadow:4px 4px 4px 4px rgb(180, 168, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7608, 40.8829, 47.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 168, 177) }
```

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

```
.background{ background-color: rgb(180,  
168, 177) }
```

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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