

Converting Colors

XYZ(41.4393, 40.6771, 47.7869)

Have a look what the booklet for
XYZ(41.4393, 40.6771, 47.7869)
contains.

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Color

**XYZ(41.4393, 40.6771,
47.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A6B2
RGB	184, 166, 178
RGB Percent	72%, 65%, 70%
CMY	0.2784, 0.3490, 0.3020
CMYK	0.00, 0.10, 0.03, 0.28
HSL	320°, 11%, 69%
HSV	320°, 10%, 72%
XYZ	41.4393, 40.6771, 47.7869
YIQ	172.7500, 6.8760, 7.5480

Conversions

Conversions Part 2

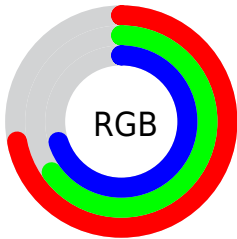
Format	Color
RYB	184, 166, 178
Decimal	12101298
CIELab	69.95, 8.67, -3.80
CIELCh	70, 9.462, 336.315
Yxy	40.6771, 0.3190, 0.3131
Android (android.graphics.Color)	4290291378 (0xFFB8A6B2)
YUV	172.7500, 2.5882, 9.8663
Hunter-Lab	63.7786, 4.3655, 0.2213

Details

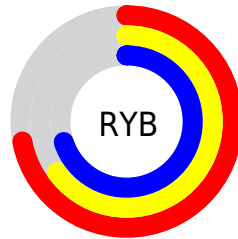
The XYZ color **41.4393, 40.6771, 47.7869** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.3143, 45.3677, 45.6640**, and the grayscale version is **39.5789, 41.6401, 45.3461**.

A 20% lighter version of the original color is **76.6429, 76.1787, 88.5063**, and **19.0791, 18.3406, 21.9365** is the 20% darker color. If you saturate the color by 10%, you get **37.7290, 34.2198, 43.5792**, and if you desaturate by 10%, it is **45.6581, 48.1061, 52.3010**.

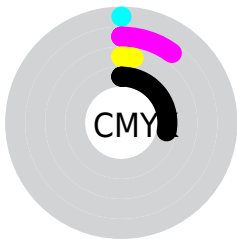
Distribution



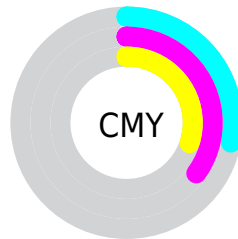
- Red (72%)
- Green (65%)
- Blue (70%)



- Red (72%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4393, 40.6771, 47.7869 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 41.4393, 40.6771, 47.7869 by changing the saturation by 10% instead.

■ 41.4393, 40.6771,
47.7869

■ 41.4393, 40.6771,
47.7869

343.1846,
348.9692, 394.4311

■ 28.8517, 28.0669,
33.2994

■ 76.6208, 76.1935,
88.2493

■ 19.1124, 18.3761,
22.0829

■ 99.9454, 99.8684,
115.0612

■ 11.8560, 11.2203,
13.7189

127.5798,
128.0004, 146.8183

■ 6.7172, 6.2152,
7.7889

159.8892,
160.9737, 183.9392

■ 3.3306, 2.9764,
3.8743

197.2390,
199.1729, 226.8424

■ 1.3309, 1.1194,
1.5567

239.9946,

■ 0.2062, 0.0000,

242.9823, 275.9464

0.2596

288.5214,
292.7863, 331.6698

■ 0.0000, 0.0000,
0.0000

■ 41.4393, 40.6771,
47.7869

■ 41.4393, 40.6771,
47.7869

■ 37.7290, 34.2198,
43.5792

■ 45.6581, 48.1061,
52.3010

■ 34.5030, 28.6882,
39.6666

■ 50.4011, 56.5396,
57.1270

■ 31.7406, 24.0406,
36.0409

■ 55.6879, 66.0155,
62.2736

■ 29.4178, 20.2302,
32.6923

■ 61.5360, 76.5681,
67.7482

■ 27.5088, 17.2055,
29.6103

■ 66.9957, 86.2978,
73.2361

■ 25.9847, 14.9094,
26.7834

■ 67.7686, 86.6070,
77.3058

■ 24.8128, 13.2773,
24.1987

■ 68.5710, 86.9279,
81.5312

■ 23.9545, 12.2326,
21.8414

■ 69.4033, 87.2608,
85.9140

■ 23.3339, 11.6241,
19.6841

■ 70.2657, 87.6058,
90.4556

Harmonies

Analogous

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



40.4435, 40.6771, 51.4848



41.4393, 40.6771, 47.7869



41.6823, 40.6771, 43.3638

Triad

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



41.4393, 40.6771, 47.7869



38.3374, 40.6771, 36.3814



36.3240, 40.6771, 49.5075

Complementary

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



41.4393, 40.6771, 47.7869



40.3143, 45.3677, 45.6640

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.



35.7919, 40.6771, 45.2303



41.4393, 40.6771, 47.7869



36.9343, 40.6771, 37.7996

Square

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



41.4393, 40.6771, 47.7869



39.8647, 40.6771, 36.9662



36.0123, 40.6771, 40.9688



37.4845, 40.6771, 52.5234

Rectangle

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



41.4393, 40.6771, 47.7869



41.3791, 40.6771, 40.6347



36.0123, 40.6771, 40.9688



36.0672, 40.6771, 48.1591

Sweetspot

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



41.4405, 40.6789, 47.7878



80.1638, 82.6051, 92.0720



39.3028, 39.5057, 50.9020



17.1471, 17.5706, 19.7058



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.



41.4405, 40.6789, 47.7878



73.4102, 70.7489, 84.7309



40.5662, 40.3292, 43.1842



9.2502, 9.1104, 10.6649



16.1064, 8.0163, 13.7129



0.5952, 0.2936, 0.6280

Inverse Universe

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



41.4405, 40.6789, 47.7878



73.4102, 70.7489, 84.7309



41.2082, 45.7253, 50.3710



9.2502, 9.1104, 10.6649



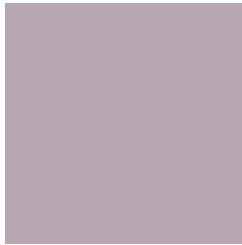
16.1064, 8.0163, 13.7129



0.5952, 0.2936, 0.6280

Previews

White Background



This preview shows how the XYZ color 41.4393, 40.6771, 47.7869 looks on a white background.

Color Contrast Check

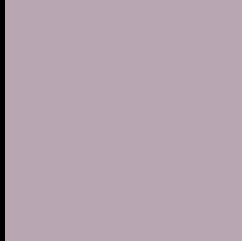
Large Text (above 18pt) WCAG AA × Fail

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 41.4393, 40.6771, 47.7869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

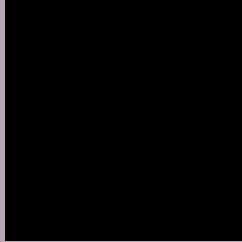
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4393, 40.6771, 47.7869

Background



This preview shows how black text looks on a background with the XYZ color 41.4393, 40.6771, 47.7869.



This preview shows how white text looks on a background with the XYZ color 41.4393, 40.6771,

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

41.4393, 40.6771, 47.7869

Protanopia

39.4075, 40.7027, 48.9594

Deuteranopia

41.4393, 40.6771, 47.7869



Tritanopia

41.5401, 40.7175, 48.3177

Trichromacy



Original Color

41.4393, 40.6771, 47.7869

Protanomaly

40.2291, 40.8607, 48.4144

Deuteranomaly

41.4393, 40.6771, 47.7869

Tritanomaly

41.5401, 40.7175, 48.3177

Monochromacy



Original Color

41.4393, 40.6771, 47.7869

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.2441, 41.1917, 46.3871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4393, 40.6771, 47.7869 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(184, 166, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 166, 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(184, 166, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 166, 178) }
```

Border

The CSS property to change the border of an element to XYZ 41.4393, 40.6771, 47.7869 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(184, 166, 178) }
```


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

```
.border{ border-color:rgb(184, 166, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 166, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 166, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 166, 178);  
box-shadow:4px 4px 4px 4px rgb(184, 166,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4393, 40.6771, 47.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 166, 178) }
```

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

```
.background{ background-color: rgb(184,  
166, 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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