

Converting Colors

XYZ(40.7533, 41.9404, 47.5906)

Have a look what the booklet for
XYZ(40.7533, 41.9404, 47.5906)
contains.

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Color

**XYZ(40.8198, 42.0265,
47.5555)**

Conversions

Conversions Part 1

Format	Color
Hex	B1ACB1
RGB	177, 172, 177
RGB Percent	69%, 67%, 69%
CMY	0.3059, 0.3255, 0.3059
CMYK	0.00, 0.03, 0.00, 0.31
HSL	300°, 3%, 68%
HSV	300°, 3%, 69%
XYZ	40.8198, 42.0265, 47.5555
YIQ	174.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

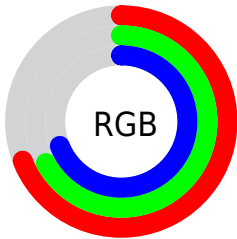
Format	Color
RYB	177, 172, 177
Decimal	11644081
CIELab	70.89, 2.71, -1.93
CIELCh	71, 3.333, 324.523
Yxy	42.0265, 0.3130, 0.3223
Android (android.graphics.Color)	4289834161 (0xFFB1ACB1)
YUV	174.0650, 1.4470, 2.5740
Hunter-Lab	64.8278, -1.0536, 1.8864

Details

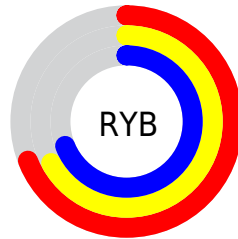
The XYZ color **40.8198, 42.0265, 47.5555** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1834, 43.1947, 45.2514**, and the grayscale version is **40.2588, 42.3554, 46.1251**.

A 20% lighter version of the original color is **75.7813, 78.1450, 88.1802**, and **18.6667, 19.1733, 21.7857** is the 20% darker color. If you saturate the color by 10%, you get **37.6734, 35.7333, 46.5073**, and if you desaturate by 10%, it is **44.4173, 49.2207, 48.7551**.

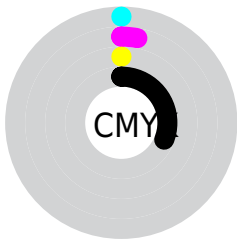
Distribution



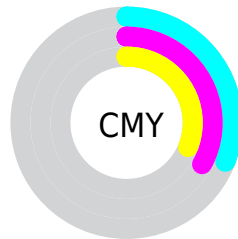
- Red (69%)
- Green (67%)
- Blue (69%)



- Red (69%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (31%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8198, 42.0265, 47.5555 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 40.8198, 42.0265, 47.5555 by changing the saturation by 10% instead.

■ 40.8198, 42.0265,
47.5555

■ 40.8198, 42.0265,
47.5555

340.6424,
354.5928, 393.4853

■ 28.3654, 29.1220,
33.1175

■ 75.6867, 78.2397,
87.9009

■ 18.7431, 19.1732,
21.9446

98.8299, 102.3173,
114.6453

■ 11.5877, 11.7955,
13.6183

126.2667,
130.8880, 146.3291

■ 6.5338, 6.6046,
7.7200

158.3624,
164.3363, 183.3706

■ 3.2160, 3.2161,
3.8311

195.4825,
203.0465, 226.1884

■ 1.2690, 1.2455,
1.5331

237.9923,

■ 0.1598, 0.0984,

247.4031, 275.2011

0.2424

286.2571,
297.7904, 330.8272

■ 0.0000, 0.0000,
0.0000

■ 40.8198, 42.0265,
47.5555

■ 40.8198, 42.0265,
47.5555

■ 37.6734, 35.7333,
46.5073

■ 44.4173, 49.2207,
48.7551

■ 34.9569, 30.3004,
45.6018

■ 48.4789, 57.3437,
50.1090

■ 32.6527, 25.6922,
44.8337

■ 53.0216, 66.4289,
51.6232

■ 30.7407, 21.8684,
44.1964

■ 58.0604, 76.5063,
53.3027

■ 29.1990, 18.7852,
43.6826

■ 61.8283, 84.0419,
54.5587

■ 28.0037, 16.3947,
43.2842

■ 61.8284, 84.0420,
54.5587

■ 27.1280, 14.6435,
42.9923

■ 61.8285, 84.0421,
54.5587

■ 26.5412, 13.4702,
42.7968

■ 61.8286, 84.0421,
54.5587

■ 26.2067, 12.8014,
42.6853

■ 61.8288, 84.0422,
54.5587

Harmonies

Analogous

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



40.3893, 42.0265, 48.5954



40.8198, 42.0265, 47.5555



41.0161, 42.0265, 46.0519

Triad

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



40.8198, 42.0265, 47.5555



40.0468, 42.0265, 42.7859



38.9824, 42.0265, 47.0393

Complementary

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



40.8198, 42.0265, 47.5555



40.1834, 43.1947, 45.2514

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.



38.8926, 42.0265, 45.4688



40.8198, 42.0265, 47.5555



39.5039, 42.0265, 43.0366

Square

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



40.8198, 42.0265, 47.5555



40.5671, 42.0265, 43.3170



39.0826, 42.0265, 44.0097



39.3291, 42.0265, 48.2926

Rectangle

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



40.8198, 42.0265, 47.5555



40.9863, 42.0265, 44.9980



39.0826, 42.0265, 44.0097



38.9213, 42.0265, 46.5300

Sweetspot

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



40.8210, 42.0283, 47.5564



74.2108, 77.4759, 85.5383



39.7193, 41.4839, 47.5094



16.0901, 16.8051, 18.5400



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



40.8210, 42.0283, 47.5564



72.9705, 74.9953, 85.1249



40.5824, 41.9329, 46.2995



9.2598, 9.4663, 10.8455



18.8858, 9.0718, 30.8926



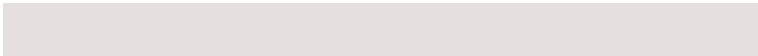
0.5942, 0.2854, 0.9720

Inverse Universe

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



40.3319, 41.8327, 44.9808



72.0253, 74.6172, 80.1468



40.4176, 43.2883, 46.4844



9.1130, 9.4076, 10.0722



13.1369, 6.7723, 0.6149



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 40.8198, 42.0265, 47.5555 looks on a white background.

Color Contrast Check

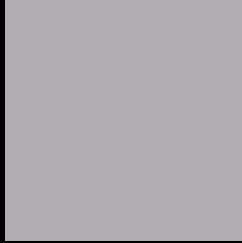
Large Text (above 18pt) WCAG AA × Fail

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 40.8198, 42.0265, 47.5555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

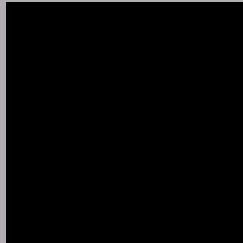
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8198, 42.0265, 47.5555

Background



This preview shows how black text looks on a background with the XYZ color 40.8198, 42.0265, 47.5555.



This preview shows how white text looks on a background with the XYZ color 40.8198, 42.0265,

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

40.8198, 42.0265, 47.5555

Protanopia

40.5586, 42.1754, 47.5980

Deuteranopia

42.7776, 41.9110, 47.9545



Tritanopia

41.5747, 42.0515, 51.2729

Trichromacy



Original Color

40.8198, 42.0265, 47.5555

Protanomaly

40.7839, 42.2916, 47.6085

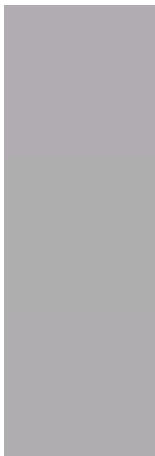
Deuteranomaly

41.9910, 41.7806, 47.9708

Tritanomaly

41.2635, 41.9270, 49.6340

Monochromacy



Original Color

40.8198, 42.0265, 47.5555

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.3606, 42.0962, 46.5556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8198, 42.0265, 47.5555 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(177, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 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(177, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.8198, 42.0265, 47.5555 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(177, 172, 177) }
```


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

```
.border{ border-color:rgb(177, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8198, 42.0265, 47.5555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 177) }
```

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

```
.background{ background-color: rgb(177,  
172, 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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