

Converting Colors

XYZ(40.9439, 43.8080, 48.0448)

Have a look what the booklet for
XYZ(40.9439, 43.8080, 48.0448)
contains.

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Color

**XYZ(40.8695, 43.7858,
47.8924)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB2B1
RGB	172, 178, 177
RGB Percent	67%, 70%, 69%
CMY	0.3255, 0.3019, 0.3059
CMYK	0.03, 0.00, 0.01, 0.30
HSL	170°, 4%, 69%
HSV	170°, 3%, 70%
XYZ	40.8695, 43.7858, 47.8924
YIQ	176.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

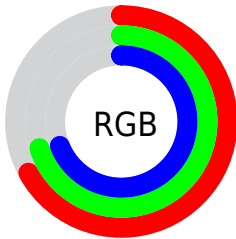
Format	Color
RYB	172, 175, 178
Decimal	11317937
CIELab	72.09, -2.29, -0.23
CIELCh	72, 2.299, 185.747
Yxy	43.7858, 0.3083, 0.3303
Android (android.graphics.Color)	4289508017 (0xFFACB2B1)
YUV	176.0920, 0.4476, -3.5887
Hunter-Lab	66.1708, -5.5509, 3.4073

Details

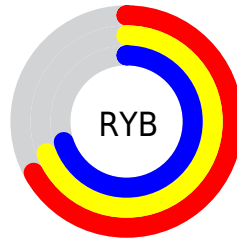
The XYZ color **40.8695, 43.7858, 47.8924** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6571, 41.9884, 45.4991**, and the grayscale version is **41.3148, 43.4664, 47.3349**.

A 20% lighter version of the original color is **75.8094, 81.0597, 88.7413**, and **18.7174, 20.1155, 21.9650** is the 20% darker color. If you saturate the color by 10%, you get **36.9286, 41.7893, 46.1780**, and if you desaturate by 10%, it is **45.3427, 46.0584, 49.6673**.

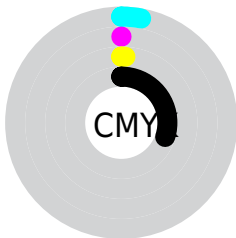
Distribution



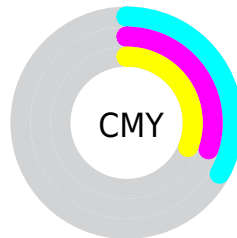
- Red (67%)
- Green (70%)
- Blue (69%)



- Red (67%)
- Yellow (69%)
- Blue (70%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8695, 43.7858, 47.8924 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 40.8695, 43.7858, 47.8924 by changing the saturation by 10% instead.

■ 40.8695, 43.7858,
47.8924

■ 40.8695, 43.7858,
47.8924

340.8468,
361.8335, 394.8619

■ 28.4043, 30.5021,
33.3823

■ 75.7617, 80.8953,
88.4081

■ 18.7727, 20.2200,
22.1460

98.9195, 105.4900,
115.2507

■ 11.6092, 12.5551,
13.7648

126.3722,
134.6238, 147.0413

■ 6.5484, 7.1229,
7.8204

158.4851,
168.6811, 184.1983

■ 3.2251, 3.5391,
3.8941

195.6237,
208.0463, 227.1403

■ 1.2739, 1.4192,
1.5674

238.1533,

■ 0.1636, 0.2308,

253.1039, 276.2859

0.2674

286.4392,
304.2381, 332.0536

■ 0.0000, 0.0000,
0.0000

■ 40.8695, 43.7858,
47.8924

■ 40.8695, 43.7858,
47.8924

■ 36.9286, 41.7893,
46.1780

■ 45.3427, 46.0584,
49.6673

■ 33.4955, 40.0526,
44.5199

■ 50.3640, 48.6116,
51.5009

■ 30.5494, 38.5663,
42.9180

■ 55.9531, 51.4568,
53.3952

■ 28.0667, 37.3180,
41.3708

■ 62.1278, 54.6030,
55.3512

■ 26.0216, 36.2947,
39.8770

■ 66.6616, 56.9026,
57.2651

■ 24.3859, 35.4817,
38.4351

■ 66.9943, 57.0357,
59.0171

■ 23.1281, 34.8628,
37.0432

■ 67.3337, 57.1714,
60.8044

■ 22.2119, 34.4192,
35.6996

■ 67.6798, 57.3099,
62.6271

■ 21.5938, 34.1287,
34.4019

■ 68.0327, 57.4511,
64.4855

Harmonies

Analogous

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



40.9317, 43.7858, 46.7916



40.8695, 43.7858, 47.8924



41.0066, 43.7858, 48.9512

Triad

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



40.8695, 43.7858, 47.8924



42.0603, 43.7858, 49.4540



41.9284, 43.7858, 45.7286

Complementary

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



40.8695, 43.7858, 47.8924



40.6571, 41.9884, 45.4991

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.



42.2336, 43.7858, 46.4217



40.8695, 43.7858, 47.8924



42.3101, 43.7858, 48.5701

Square

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



40.8695, 43.7858, 47.8924



41.6928, 43.7858, 49.8619



42.3737, 43.7858, 47.4588



41.5414, 43.7858, 45.5536

Rectangle

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



40.8695, 43.7858, 47.8924



41.1931, 43.7858, 49.4872



42.3737, 43.7858, 47.4588



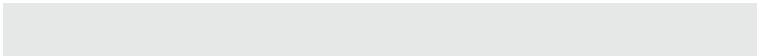
42.0440, 43.7858, 45.9082

Sweetspot

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



40.8707, 43.7877, 47.8934



75.9346, 80.3267, 87.5951



40.6239, 43.7170, 45.3275



16.8327, 17.8011, 19.4105



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.



40.8707, 43.7877, 47.8934



73.5838, 79.1338, 86.6270



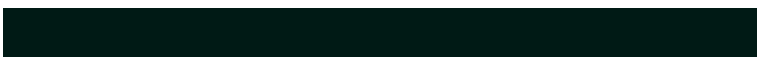
40.5955, 43.0766, 48.2967



9.1027, 9.8208, 10.7583



15.2504, 24.3261, 24.1193



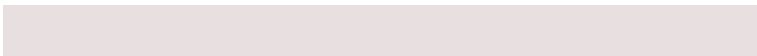
0.4960, 0.7719, 0.8440

Inverse Universe

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



40.6571, 41.9884, 45.4991



73.1185, 75.2148, 81.4121



40.9248, 42.6785, 45.1112



9.0366, 9.2642, 10.0177



13.3185, 6.8450, 1.5712



0.4367, 0.2224, 0.1423

Previews

White Background



This preview shows how the XYZ color 40.8695, 43.7858, 47.8924 looks on a white background.

Color Contrast Check

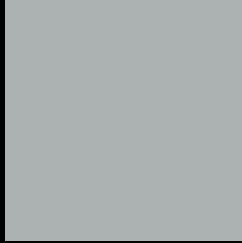
Large Text (above 18pt) WCAG AA × Fail

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 40.8695, 43.7858, 47.8924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

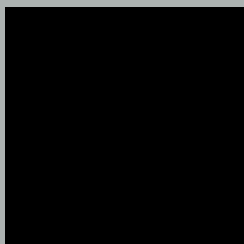
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

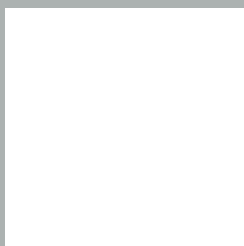
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8695, 43.7858, 47.8924

Background



This preview shows how black text looks on a background with the XYZ color 40.8695, 43.7858, 47.8924.



This preview shows how white text looks on a background with the XYZ color 40.8695, 43.7858,

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

40.8695, 43.7858, 47.8924

Protanopia

42.1842, 43.8886, 47.3223

Deuteranopia

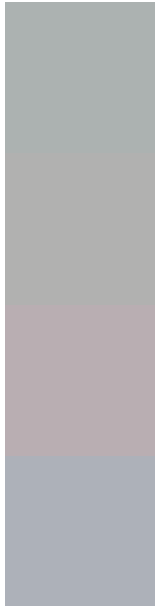
44.5911, 43.6776, 48.1999



Tritanopia

42.2752, 43.7670, 54.9349

Trichromacy



Original Color

40.8695, 43.7858, 47.8924

Protanomaly

41.6901, 43.9260, 47.3556

Deuteranomaly

43.1795, 43.8007, 48.2981

Tritanomaly

41.7127, 43.8313, 52.1607

Monochromacy



Original Color

40.8695, 43.7858, 47.8924

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2378, 43.6928, 47.3344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8695, 43.7858, 47.8924 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(172, 178, 177)` looks like.

```
.text, #text, p{  
    color:rgb(172, 178, 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(172, 178, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 178, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.8695, 43.7858, 47.8924 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(172, 178, 177) }
```


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

```
.border{ border-color:rgb(172, 178, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 178, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 178, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 178, 177);  
box-shadow:4px 4px 4px 4px rgb(172, 178,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8695, 43.7858, 47.8924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 178, 177) }
```

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

```
.background{ background-color: rgb(172,  
178, 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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