

Converting Colors

XYZ(40.9935, 47.3519, 38.7081)

Have a look what the booklet for
XYZ(40.9935, 47.3519, 38.7081)
contains.

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Color

**XYZ(41.0780, 47.4874,
38.8992)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBD9D
RGB	171, 189, 157
RGB Percent	67%, 74%, 62%
CMY	0.3294, 0.2588, 0.3843
CMYK	0.10, 0.00, 0.17, 0.26
HSL	94°, 20%, 68%
HSV	94°, 17%, 74%
XYZ	41.0780, 47.4874, 38.8992
YIQ	179.9700, -0.4560, -13.7680

Conversions

Conversions Part 2

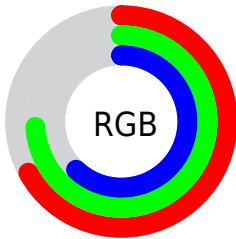
Format	Color
RYB	157, 189, 175
Decimal	11255197
CIELab	74.50, -12.06, 14.12
CIELCh	75, 18.569, 130.492
Yxy	47.4874, 0.3223, 0.3726
Android (android.graphics.Color)	4289445277 (0xFFABBD9D)
YUV	179.9700, -11.3242, -7.8667
Hunter-Lab	68.9111, -14.1903, 14.7695

Details

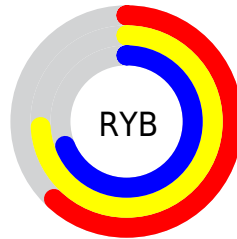
The XYZ color **41.0780, 47.4874, 38.8992** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.9232, 36.9033, 53.2181**, and the grayscale version is **43.4264, 45.6880, 49.7542**.

A 20% lighter version of the original color is **75.9001, 86.2270, 74.9305**, and **19.0134, 22.5709, 16.9902** is the 20% darker color. If you saturate the color by 10%, you get **37.3643, 45.7466, 30.9438**, and if you desaturate by 10%, it is **45.2302, 49.4283, 48.1802**.

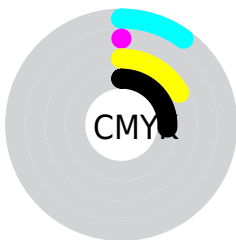
Distribution



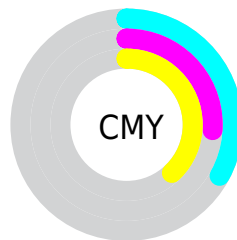
- Red (67%)
- Green (74%)
- Blue (62%)



- Red (62%)
- Yellow (74%)
- Blue (69%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (26%)





- Cyan (33%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0780, 47.4874, 38.8992 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 41.0780, 47.4874, 38.8992 by changing the saturation by 10% instead.


 41.0780, 47.4874,
38.8992


 41.0780, 47.4874,
38.8992


341.7035,
376.7567, 356.8749

 28.5680, 33.4211,
26.3741


 76.0762, 86.4407,
74.7030

 18.8969, 22.4493,
16.8754

 99.2952, 112.0965,
98.8187

 11.6994, 14.1874,
9.9847

126.8145,
142.3843, 127.6350

 6.6100, 8.2511,
5.2833

158.9994,
177.6885, 161.5705

 3.2636, 4.2560,
2.3528

196.2155,
218.3934, 201.0437

 1.2946, 1.8178,
0.7606

238.8279,

 0.1792, 0.4982,

264.8835, 246.4731

0.0000

287.2022,
317.5431, 298.2774

■ 0.0000, 0.0000,
0.0000

■ 41.0780, 47.4874,
38.8992

■ 41.0780, 47.4874,
38.8992

■ 37.3643, 45.7466,
30.9438

■ 45.2302, 49.4283,
48.1802

■ 34.0695, 44.1928,
24.2504

■ 49.8322, 51.5695,
58.8401

■ 31.1781, 42.8209,
18.7549

■ 54.8991, 53.9192,
70.9334

■ 28.6719, 41.6230,
14.3863

■ 60.4447, 56.4832,
84.5105

■ 26.5311, 40.5906,
11.0660

■ 66.4818, 59.2673,
99.6194

■ 24.7339, 39.7145,
8.7056

■ 70.4421, 61.2445,
102.7164

■ 23.2552, 38.9840,
7.2017

■ 74.0543, 63.1066,
102.8855

■ 22.0626, 38.3854,
6.4128

■ 77.4885, 64.8770,
103.0462

■ 21.7376, 38.2215,
6.2318

Harmonies

Analogous

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



43.9718, 47.4874, 35.5956



41.0780, 47.4874, 38.8992



39.3283, 47.4874, 45.7829

Triad

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



41.0780, 47.4874, 38.8992



43.0169, 47.4874, 71.1306



51.7745, 47.4874, 48.4167

Complementary

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



41.0780, 47.4874, 38.8992



38.9232, 36.9033, 53.2181

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.



51.4876, 47.4874, 58.1185



41.0780, 47.4874, 38.8992



46.3192, 47.4874, 72.0638

Square

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



41.0780, 47.4874, 38.8992



40.4087, 47.4874, 64.6425



49.4514, 47.4874, 67.0533



50.2169, 47.4874, 40.6215

Rectangle

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



41.0780, 47.4874, 38.8992



38.9919, 47.4874, 51.8642



49.4514, 47.4874, 67.0533



51.8924, 47.4874, 51.5475

Sweetspot

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



41.0793, 47.4895, 38.9002



82.4683, 89.2043, 89.6333



42.3261, 43.7594, 38.1145



17.6142, 19.1270, 19.0001



90.7827, 95.5105, 104.0109



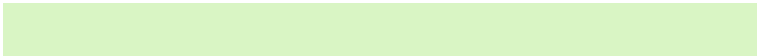
18.6292, 19.5994, 21.3438

Same Dimension

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



41.0793, 47.4895, 38.9002



71.2294, 83.9533, 64.5795



38.3269, 46.0547, 39.4893



9.7941, 10.8483, 10.1544



14.7096, 25.7589, 4.1967



0.6513, 1.0477, 0.1679

Inverse Universe

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



38.9232, 36.9033, 53.2181



66.7042, 61.7369, 94.6269



42.0575, 38.5390, 52.4630



9.5161, 9.4829, 12.0010



10.2942, 4.5929, 32.7369



0.4771, 0.2180, 1.2858

Previews

White Background



This preview shows how the XYZ color 41.0780, 47.4874, 38.8992 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 41.0780, 47.4874, 38.8992 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 41.0780, 47.4874, 38.8992

Background



This preview shows how black text looks on a background with the XYZ color 41.0780, 47.4874, 38.8992.



This preview shows how white text looks on a background with the XYZ color 41.0780, 47.4874,

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

41.0780, 47.4874, 38.8992

Protanopia

44.7585, 47.5375, 37.3885

Deuteranopia

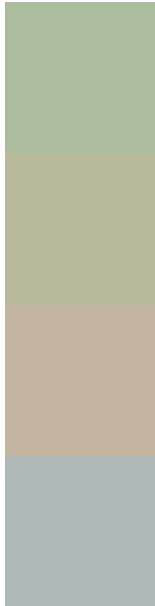
48.1650, 47.1440, 39.8188



Tritanopia

45.2580, 47.2913, 60.1689

Trichromacy



Original Color

41.0780, 47.4874, 38.8992

Protanomaly

43.2729, 47.3788, 37.8746

Deuteranomaly

45.2876, 47.1531, 39.5154

Tritanomaly

43.5754, 47.2308, 51.6195

Monochromacy



Original Color

41.0780, 47.4874, 38.8992

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.5113, 46.1926, 45.7052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0780, 47.4874, 38.8992 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(171, 189, 157)` looks like.

```
.text, #text, p{  
    color:rgb(171, 189, 157)  
}
```

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(171, 189, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 189, 157) }
```

Border

The CSS property to change the border of an element to XYZ 41.0780, 47.4874, 38.8992 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(171, 189, 157) }
```


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

```
.border{ border-color:rgb(171, 189, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 189, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 189, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 189, 157);  
box-shadow:4px 4px 4px 4px rgb(171, 189,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0780, 47.4874, 38.8992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 189, 157) }
```

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

```
.background{ background-color: rgb(171,  
189, 157) }
```

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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