

Converting Colors

XYZ(40.8539, 41.8854, 46.5414)

Have a look what the booklet for
XYZ(40.8539, 41.8854, 46.5414)
contains.

XYZ(40.8912, 41.8047, 46.4714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.8912, 41.8047,
46.4714)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ABAF
RGB	179, 171, 175
RGB Percent	70%, 67%, 69%
CMY	0.2980, 0.3294, 0.3137
CMYK	0.00, 0.04, 0.02, 0.30
HSL	330°, 5%, 69%
HSV	330°, 4%, 70%
XYZ	40.8912, 41.8047, 46.4714
YIQ	173.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

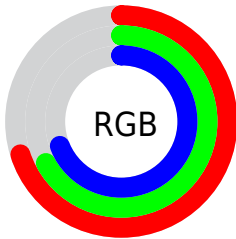
Format	Color
RYB	179, 171, 175
Decimal	11774895
CIELab	70.74, 3.59, -1.04
CIELCh	71, 3.741, 343.912
Yxy	41.8047, 0.3166, 0.3236
Android (android.graphics.Color)	4289964975 (0xFFB3ABAF)
YUV	173.8480, 0.5679, 4.5183
Hunter-Lab	64.6566, -0.2590, 2.6454

Details

The XYZ color **40.8912, 41.8047, 46.4714** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6541, 43.9944, 46.9087**, and the grayscale version is **40.1510, 42.2420, 46.0016**.

A 20% lighter version of the original color is **75.7402, 77.7681, 85.8817**, and **18.7762, 19.0593, 21.4281** is the 20% darker color. If you saturate the color by 10%, you get **36.8863, 35.1554, 40.9410**, and if you desaturate by 10%, it is **45.4147, 49.3967, 52.4634**.

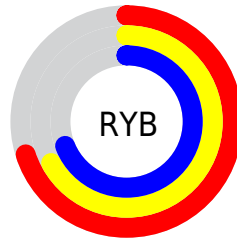
Distribution



Red (70%)

Green (67%)

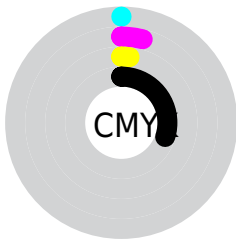
Blue (69%)



Red (70%)

Yellow (67%)

Blue (69%)

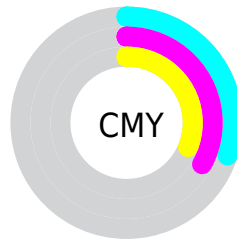


Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8912, 41.8047, 46.4714 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 40.8912, 41.8047, 46.4714 by changing the saturation by 10% instead.

■ 40.8912, 41.8047,
46.4714

■ 40.8912, 41.8047,
46.4714

340.9360,
353.6727, 389.0331

■ 28.4214, 28.9484,
32.2666

■ 75.7945, 77.9040,
86.2658

■ 18.7856, 19.0418,
21.2987

98.9586, 101.9157,
112.6924

■ 11.6186, 11.7005,
13.1492

126.4182,
130.4147, 144.0301

■ 6.5548, 6.5401,
7.3994

158.5387,
163.7854, 180.6974

■ 3.2291, 3.1762,
3.6309

195.6853,
202.4122, 223.1128

■ 1.2761, 1.2244,
1.4251

238.2236,

■ 0.1652, 0.0815,

246.6794, 271.6948

0.1612

286.5187,
296.9714, 326.8621

■ 0.0000, 0.0000,
0.0000

■ 40.8912, 41.8047,
46.4714

■ 40.8912, 41.8047,
46.4714

■ 36.8863, 35.1554,
40.9410

■ 45.4147, 49.3967,
52.4634

■ 33.3770, 29.4064,
35.8575

■ 50.4715, 57.9610,
58.9257

■ 30.3439, 24.5200,
31.2092

■ 56.0804, 67.5324,
65.8703

■ 27.7648, 20.4538,
26.9828

■ 62.2577, 78.1426,
73.3079

■ 25.6157, 17.1619,
23.1643

■ 67.2382, 86.2589,
80.6549

■ 23.8703, 14.5935,
19.7385

■ 68.4546, 86.7454,
87.0604

■ 22.4991, 12.6919,
16.6891

■ 69.7355, 87.2578,
93.8054

■ 21.4683, 11.3919,
13.9982

■ 71.0818, 87.7963,
100.8948

■ 20.7375, 10.6146,
11.6449

■ 72.4007, 88.3238,
107.8400

Harmonies

Analogous

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



40.5671, 41.8047, 48.0237



40.8912, 41.8047, 46.4714



40.9032, 41.8047, 44.7019

Triad

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



40.8912, 41.8047, 46.4714



39.4480, 41.8047, 42.2823



38.8810, 41.8047, 47.9287

Complementary

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



40.8912, 41.8047, 46.4714



40.6541, 43.9944, 46.9087

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.



38.5876, 41.8047, 46.3444



40.8912, 41.8047, 46.4714



38.9126, 41.8047, 43.1014

Square

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



40.8912, 41.8047, 46.4714



40.0656, 41.8047, 42.3143



38.5991, 41.8047, 44.5781



39.4045, 41.8047, 48.8799

Rectangle

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



40.8912, 41.8047, 46.4714



40.7322, 41.8047, 43.6389



38.5991, 41.8047, 44.5781



38.7525, 41.8047, 47.4507

Sweetspot

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



40.8924, 41.8065, 46.4723



75.9247, 79.3706, 86.8378



40.3803, 41.4965, 48.5298



16.8306, 17.6004, 19.2515



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.



40.8924, 41.8065, 46.4723



72.7671, 74.0903, 82.5947



40.5055, 41.6518, 44.4350



9.0089, 9.1417, 10.2150



14.4579, 7.3007, 7.5710



0.4844, 0.2415, 0.3933

Inverse Universe

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



40.8924, 41.8065, 46.4723



72.7671, 74.0903, 82.5947



41.0527, 44.1538, 49.0072



9.0089, 9.1417, 10.2150



14.4579, 7.3007, 7.5710



0.4844, 0.2415, 0.3933

Previews

White Background



This preview shows how the XYZ color 40.8912, 41.8047, 46.4714 looks on a white background.

Color Contrast Check

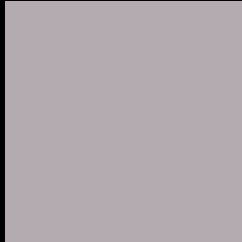
Large Text (above 18pt) WCAG AA × Fail

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 40.8912, 41.8047, 46.4714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

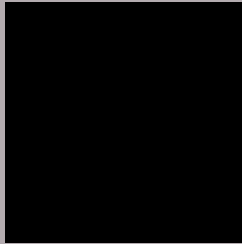
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8912, 41.8047, 46.4714

Background



This preview shows how black text looks on a background with the XYZ color 40.8912, 41.8047, 46.4714.



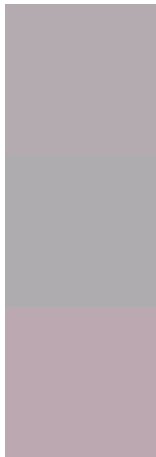
This preview shows how white text looks on a background with the XYZ color 40.8912, 41.8047,

46.4714.

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

40.8912, 41.8047, 46.4714

Protanopia

40.2682, 41.7536, 47.0112

Deuteranopia

42.5781, 41.8312, 46.9044



Tritanopia

41.7444, 41.8716, 50.6816

Trichromacy



Original Color

40.8912, 41.8047, 46.4714

Protanomaly

40.4935, 41.8697, 47.0217

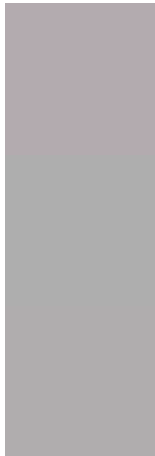
Deuteranomaly

42.0320, 41.8248, 46.9320

Tritanomaly

41.4353, 41.7480, 49.0543

Monochromacy



Original Color

40.8912, 41.8047, 46.4714

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.4880, 42.1732, 46.0507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8912, 41.8047, 46.4714 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(179, 171, 175)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 175)  
}
```

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(179, 171, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 175) }
```

Border

The CSS property to change the border of an element to XYZ 40.8912, 41.8047, 46.4714 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(179, 171, 175) }
```


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

```
.border{ border-color:rgb(179, 171, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 171, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 171, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 171, 175);  
box-shadow:4px 4px 4px 4px rgb(179, 171,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8912, 41.8047, 46.4714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 175) }
```

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

```
.background{ background-color: rgb(179,  
171, 175) }
```

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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