

Converting Colors

XYZ(41.7632, 46.7039, 48.0924)

Have a look what the booklet for
XYZ(41.7632, 46.7039, 48.0924)
contains.

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Color

**XYZ(41.7576, 46.6874,
47.8850)**

Conversions

Conversions Part 1

Format	Color
Hex	A9BAB0
RGB	169, 186, 176
RGB Percent	66%, 73%, 69%
CMY	0.3372, 0.2706, 0.3098
CMYK	0.09, 0.00, 0.05, 0.27
HSL	145°, 11%, 70%
HSV	145°, 9%, 73%
XYZ	41.7576, 46.6874, 47.8850
YIQ	179.7770, -6.9220, -6.7140

Conversions

Conversions Part 2

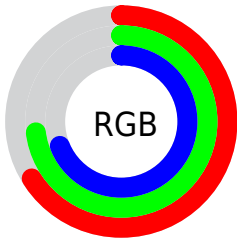
Format	Color
RYB	169, 181, 186
Decimal	11123376
CIELab	73.99, -7.78, 3.06
CIELCh	74, 8.362, 158.527
Yxy	46.6874, 0.3063, 0.3425
Android (android.graphics.Color)	4289313456 (0xFFA9BAB0)
YUV	179.7770, -1.8621, -9.4514
Hunter-Lab	68.3282, -10.4871, 6.2788

Details

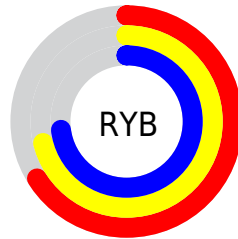
The XYZ color **41.7576, 46.6874, 47.8850** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.5761, 42.0710, 48.5266**, and the grayscale version is **43.2763, 45.5300, 49.5822**.

A 20% lighter version of the original color is **77.0581, 85.1778, 88.7235**, and **19.3617, 22.0122, 22.2971** is the 20% darker color. If you saturate the color by 10%, you get **37.0083, 44.3605, 42.2371**, and if you desaturate by 10%, it is **47.1646, 49.3459, 54.0212**.

Distribution



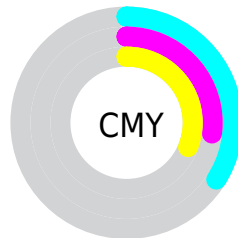
- Red (66%)
- Green (73%)
- Blue (69%)



- Red (66%)
- Yellow (71%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (34%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7576, 46.6874, 47.8850 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 41.7576, 46.6874, 47.8850 by changing the saturation by 10% instead.

■ 41.7576, 46.6874,
47.8850

■ 41.7576, 46.6874,
47.8850

344.4859,
373.5654, 394.8317

■ 29.1018, 32.7886,
33.3765

■ 77.1001, 85.2468,
88.3969

■ 19.3025, 21.9646,
22.1415

■ 100.5175,
110.6762, 115.2374

■ 11.9944, 13.8309,
13.7616

128.2529,
140.7180, 147.0256

■ 6.8120, 8.0031,
7.8182

160.6715,
175.7564, 184.1801

■ 3.3901, 4.0969,
3.8927

198.1387,
216.1760, 227.1194

■ 1.3633, 1.7279,
1.5667

241.0200,

■ 0.2298, 0.4416,

262.3611, 276.2621

0.2669

289.6806,
314.6961, 332.0267

0.0000, 0.0000,
0.0000

41.7576, 46.6874,
47.8850

41.7576, 46.6874,
47.8850

37.0083, 44.3605,
42.2371

47.1646, 49.3459,
54.0212

32.8867, 42.3460,
37.0627

53.2496, 52.3424,
60.6543

29.3667, 40.6320,
32.3503

60.0372, 55.6904,
67.7962

26.4183, 39.2033,
28.0871

67.5494, 59.4013,
75.4577

24.0091, 38.0436,
24.2594

73.1834, 62.1330,
83.5264

■ 22.1032, 37.1345,
20.8531

■ 74.7755, 62.7698,
91.9102

■ 20.6603, 36.4555,
17.8531

■ 76.4659, 63.4460,
100.8117

■ 19.6328, 35.9826,
15.2431

■ 76.8498, 63.5995,
102.8333

■ 18.9376, 35.6730,
13.0046

Harmonies

Analogous

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



42.6113, 46.6874, 44.6722



41.7576, 46.6874, 47.8850



41.5970, 46.6874, 52.0631

Triad

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



41.7576, 46.6874, 47.8850



44.8019, 46.6874, 59.4035



46.6581, 46.6874, 45.8852

Complementary

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



41.7576, 46.6874, 47.8850



42.5761, 42.0710, 48.5266

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.



47.2740, 46.6874, 49.6257



41.7576, 46.6874, 47.8850



46.1866, 46.6874, 57.5392

Square

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



41.7576, 46.6874, 47.8850



43.3327, 46.6874, 58.8730



47.0995, 46.6874, 53.9030



45.4338, 46.6874, 43.5634

Rectangle

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



41.7576, 46.6874, 47.8850



41.9011, 46.6874, 54.8616



47.0995, 46.6874, 53.9030



46.9444, 46.6874, 47.0097

Sweetspot

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



41.7589, 46.6894, 47.8860



81.5106, 87.4839, 93.4593



43.3587, 47.5921, 44.4378



17.7739, 19.1788, 20.3819



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.



41.7589, 46.6894, 47.8860



73.8344, 83.7141, 84.6314



42.6059, 47.0282, 52.3464



9.0395, 10.1198, 10.3656



12.7396, 23.9968, 8.8166



0.4801, 0.8583, 0.4739

Inverse Universe

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



42.5761, 42.0710, 48.5266



75.6213, 73.6151, 86.0319



41.7613, 41.7451, 44.2358



9.2202, 9.0985, 10.5072



15.5339, 7.7873, 10.6980



0.5776, 0.2865, 0.5350

Previews

White Background



This preview shows how the XYZ color 41.7576, 46.6874, 47.8850 looks on a white background.

Color Contrast Check

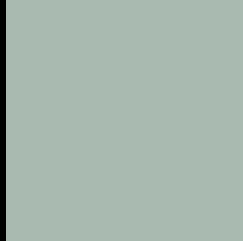
Large Text (above 18pt) WCAG AA × Fail

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 41.7576, 46.6874, 47.8850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

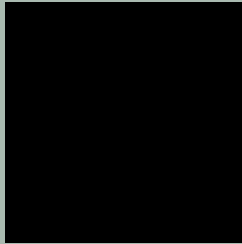
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7576, 46.6874, 47.8850

Background



This preview shows how black text looks on a background with the XYZ color 41.7576, 46.6874, 47.8850.



This preview shows how white text looks on a background with the XYZ color 41.7576, 46.6874,

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

41.7576, 46.6874, 47.8850

Protanopia

44.5602, 46.6297, 46.1870

Deuteranopia

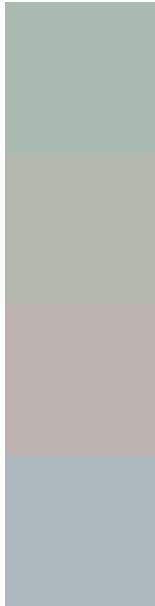
47.3806, 46.5444, 48.6062



Tritanopia

44.2451, 46.7824, 59.5213

Trichromacy



Original Color

41.7576, 46.6874, 47.8850

Protanomaly

43.3959, 46.6263, 46.7570

Deuteranomaly

45.2433, 46.6357, 48.2120

Tritanomaly

43.3391, 46.7258, 54.8789

Monochromacy



Original Color

41.7576, 46.6874, 47.8850

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.7691, 45.9407, 49.2611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7576, 46.6874, 47.8850 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(169, 186, 176)` looks like.

```
.text, #text, p{  
    color:rgb(169, 186, 176)  
}
```

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(169, 186, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 186, 176) }
```

Border

The CSS property to change the border of an element to XYZ 41.7576, 46.6874, 47.8850 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(169, 186, 176) }
```


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

```
.border{ border-color:rgb(169, 186, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 186, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 186, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 186, 176);  
box-shadow:4px 4px 4px 4px rgb(169, 186,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7576, 46.6874, 47.8850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 186, 176) }
```

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

```
.background{ background-color: rgb(169,  
186, 176) }
```

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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