

Converting Colors

XYZ(41.0884, 45.9952, 46.7004)

Have a look what the booklet for
XYZ(41.0884, 45.9952, 46.7004)
contains.

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Color

**XYZ(41.1374, 46.0787,
46.7703)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B9AE
RGB	168, 185, 174
RGB Percent	66%, 73%, 68%
CMY	0.3412, 0.2745, 0.3176
CMYK	0.09, 0.00, 0.06, 0.27
HSL	141°, 11%, 69%
HSV	141°, 9%, 73%
XYZ	41.1374, 46.0787, 46.7703
YIQ	178.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

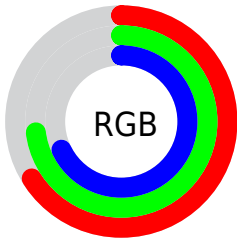
Format	Color
RYB	168, 181, 185
Decimal	11057582
CIELab	73.60, -7.98, 3.57
CIELCh	74, 8.743, 155.878
Yxy	46.0787, 0.3070, 0.3439
Android (android.graphics.Color)	4289247662 (0xFFA8B9AE)
YUV	178.6630, -2.2989, -9.3515
Hunter-Lab	67.8813, -10.6177, 6.6660

Details

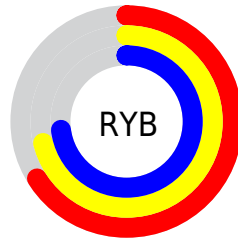
The XYZ color **41.1374, 46.0787, 46.7703** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.1486, 41.5754, 48.4534**, and the grayscale version is **42.6838, 44.9067, 48.9034**.

A 20% lighter version of the original color is **76.0296, 84.2557, 86.3845**, and **18.9666, 21.6207, 21.5859** is the 20% darker color. If you saturate the color by 10%, you get **36.3601, 43.7461, 40.7236**, and if you desaturate by 10%, it is **46.5818, 48.7457, 53.3933**.

Distribution



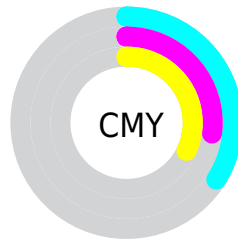
- Red (66%)
- Green (73%)
- Blue (68%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (34%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1374, 46.0787, 46.7703 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 41.1374, 46.0787, 46.7703 by changing the saturation by 10% instead.

■ 41.1374, 46.0787,
46.7703

■ 41.1374, 46.0787,
46.7703

341.9473,
371.1250, 390.2641

■ 28.6146, 32.3079,
32.5011

■ 76.1658, 84.3368,
86.7170

■ 18.9323, 21.5968,
21.4765

■ 99.4022, 109.5929,
113.2316

■ 11.7251, 13.5609,
13.2781

126.9404,
139.4462, 144.6651

■ 6.6276, 7.8159,
7.4874

159.1459,
174.2811, 181.4359

■ 3.2746, 3.9774,
3.6857

196.3839,
214.4821, 223.9627

■ 1.3006, 1.6609,
1.4546

239.0200,

■ 0.1837, 0.3982,

260.4334, 272.6640

0.1837

287.4193,
312.5196, 327.9582

■ 0.0000, 0.0000,
0.0000

■ 41.1374, 46.0787,
46.7703

■ 41.1374, 46.0787,
46.7703

■ 36.3601, 43.7461,
40.7236

■ 46.5818, 48.7457,
53.3933

■ 32.2196, 41.7288,
35.2347

■ 52.7140, 51.7538,
60.6041

■ 28.6894, 40.0147,
30.2887

■ 59.5589, 55.1166,
68.4182

■ 25.7391, 38.5886,
25.8688

■ 67.1388, 58.8454,
76.8491

■ 23.3360, 37.4338,
21.9574

■ 73.4211, 61.8922,
85.8140

■ 21.4438, 36.5321,
18.5357

■ 75.1988, 62.6032,
95.1748

■ 20.0215, 35.8628,
15.5840

■ 76.6398, 63.1796,
102.7633

■ 19.0215, 35.4016,
13.0809

■ 18.3594, 35.1056,
11.0020

Harmonies

Analogous

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



42.0762, 46.0787, 43.5811



41.1374, 46.0787, 46.7703



40.9037, 46.0787, 51.0493

Triad

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



41.1374, 46.0787, 46.7703



44.1017, 46.0787, 59.1318



46.2510, 46.0787, 45.3432

Complementary

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



41.1374, 46.0787, 46.7703



42.1486, 41.5754, 48.4534

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.



46.8224, 46.0787, 49.3046



41.1374, 46.0787, 46.7703



45.5629, 46.0787, 57.3957

Square

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



41.1374, 46.0787, 46.7703



42.5920, 46.0787, 58.3552



46.5676, 46.0787, 53.7345



45.0233, 46.0787, 42.7918

Rectangle

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



41.1374, 46.0787, 46.7703



41.1743, 46.0787, 53.9824



46.5676, 46.0787, 53.7345



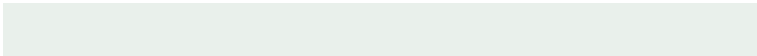
46.5275, 46.0787, 46.5450

Sweetspot

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



41.1387, 46.0807, 46.7713



79.5182, 85.3856, 90.9226



43.0205, 47.1169, 43.8735



16.9721, 18.3240, 19.3943



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



41.1387, 46.0807, 46.7713



71.8795, 81.6478, 81.5272



41.9890, 46.4208, 51.2492



9.0177, 10.1111, 10.2508



12.5001, 23.9010, 7.5552



0.4707, 0.8546, 0.4244

Inverse Universe

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



42.1486, 41.5754, 48.4534



74.0501, 71.9644, 85.1422



41.3195, 41.2438, 44.0876



9.2427, 9.1075, 10.6255



15.9557, 7.9560, 12.9193



0.5907, 0.2918, 0.6040

Previews

White Background



This preview shows how the XYZ color 41.1374, 46.0787, 46.7703 looks on a white background.

Color Contrast Check

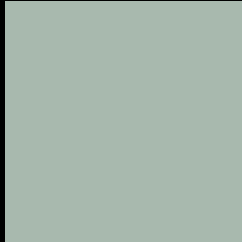
Large Text (above 18pt) WCAG AA × Fail

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 41.1374, 46.0787, 46.7703 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

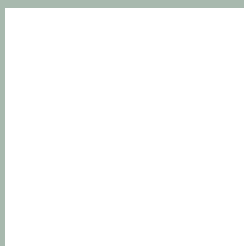
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1374, 46.0787, 46.7703

Background



This preview shows how black text looks on a background with the XYZ color 41.1374, 46.0787, 46.7703.



This preview shows how white text looks on a background with the XYZ color 41.1374, 46.0787,

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

41.1374, 46.0787, 46.7703

Protanopia

43.9216, 46.0219, 45.0963

Deuteranopia

46.9859, 46.0739, 47.4910



Tritanopia

43.7050, 46.2121, 58.8409

Trichromacy



Original Color

41.1374, 46.0787, 46.7703

Protanomaly

42.7647, 46.0182, 45.6582

Deuteranomaly

44.5970, 46.0267, 47.0910

Tritanomaly

42.8052, 46.1557, 54.2298

Monochromacy



Original Color

41.1374, 46.0787, 46.7703

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.1389, 45.3360, 48.1247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1374, 46.0787, 46.7703 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(168, 185, 174)` looks like.

```
.text, #text, p{  
    color:rgb(168, 185, 174)  
}
```

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(168, 185, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 185, 174) }
```

Border

The CSS property to change the border of an element to XYZ 41.1374, 46.0787, 46.7703 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(168, 185, 174) }
```


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

```
.border{ border-color:rgb(168, 185, 174) }
```

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

Here you see how a box with a 4 pixel rgb(168, 185, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 185, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 185, 174);  
box-shadow:4px 4px 4px 4px rgb(168, 185,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1374, 46.0787, 46.7703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 185, 174) }
```

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

```
.background{ background-color: rgb(168,  
185, 174) }
```

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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