

Converting Colors

XYZ(40.3014, 47.0327, 48.0113)

Have a look what the booklet for
XYZ(40.3014, 47.0327, 48.0113)
contains.

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Color

**XYZ(40.1346, 46.7989,
47.9921)**

Conversions

Conversions Part 1

Format	Color
Hex	9EBDB0
RGB	158, 189, 176
RGB Percent	62%, 74%, 69%
CMY	0.3804, 0.2588, 0.3098
CMYK	0.16, 0.00, 0.07, 0.26
HSL	155°, 19%, 68%
HSV	155°, 16%, 74%
XYZ	40.1346, 46.7989, 47.9921
YIQ	178.2490, -14.3030, -10.6150

Conversions

Conversions Part 2

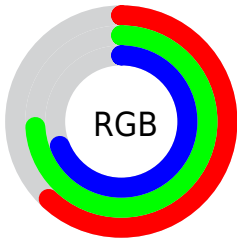
Format	Color
RYB	158, 178, 189
Decimal	10403248
CIELab	74.06, -13.08, 3.07
CIELCh	74, 13.435, 166.787
Yxy	46.7989, 0.2975, 0.3468
Android (android.graphics.Color)	4288593328 (0xFF9EBDB0)
YUV	178.2490, -1.1088, -17.7584
Hunter-Lab	68.4097, -14.9947, 6.2925

Details

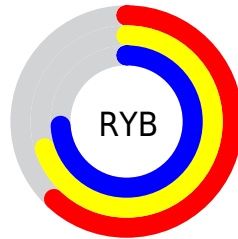
The XYZ color **40.1346, 46.7989, 47.9921** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.5654, 38.2139, 43.7681**, and the grayscale version is **42.4609, 44.6722, 48.6480**.

A 20% lighter version of the original color is **74.6585, 85.2771, 88.8691**, and **18.3861, 22.1277, 22.3708** is the 20% darker color. If you saturate the color by 10%, you get **35.9376, 44.7246, 43.8208**, and if you desaturate by 10%, it is **44.9518, 49.1902, 52.4335**.

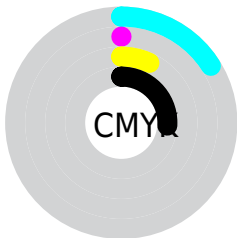
Distribution



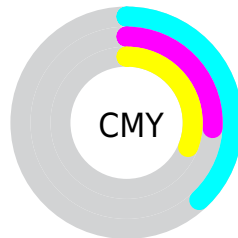
- Red (62%)
- Green (74%)
- Blue (69%)



- Red (62%)
- Yellow (70%)
- Blue (74%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)





- Cyan (38%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1346, 46.7989, 47.9921 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 40.1346, 46.7989, 47.9921 by changing the saturation by 10% instead.


 40.1346, 46.7989,
47.9921


 40.1346, 46.7989,
47.9921


337.8153,
374.0112, 395.2686

 27.8282, 32.8767,
33.4607

 74.6515, 85.4134,
88.5581

 18.3360, 22.0320,
22.2056


 97.5926, 110.8744,
115.4297

 11.2926, 13.8804,
13.8083


124.8094,
140.9506, 147.2518

 6.3327, 8.0375,
7.8502


156.6672,
176.0262, 184.4430

 3.0910, 4.1190,
3.9129

193.5313,
216.4857, 227.4217

 1.2021, 1.7403,
1.5777

235.7671,

 0.1080, 0.4496,

262.7134, 276.6065

0.2748

283.7400,
315.0938, 332.4160

■ 0.0000, 0.0000,
0.0000

■ 40.1346, 46.7989,
47.9921

■ 40.1346, 46.7989,
47.9921

■ 35.9376, 44.7246,
43.8208

■ 44.9518, 49.1902,
52.4335

■ 32.3301, 42.9476,
39.9112

■ 50.4104, 51.9056,
57.1470

■ 29.2846, 41.4553,
36.2589

■ 56.5354, 54.9590,
62.1386

■ 26.7696, 40.2314,
32.8580

■ 63.3493, 58.3620,
67.4131

■ 24.7505, 39.2583,
29.7027

■ 70.8736, 62.1256,
72.9752

■ 23.1884, 38.5159,
26.7865

■ 72.8338, 63.0151,
78.5349

■ 22.0382, 37.9812,
24.1026

■ 73.9316, 63.4542,
84.3157

■ 21.2410, 37.6238,
21.6436

■ 75.0801, 63.9136,
90.3638

■ 20.9986, 37.5170,
20.8112

■ 76.2801, 64.3936,
96.6826

Harmonies

Analogous

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



41.1992, 46.7989, 42.4254



40.1346, 46.7989, 47.9921



40.2042, 46.7989, 54.8723

Triad

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



40.1346, 46.7989, 47.9921



45.8282, 46.7989, 64.6971



47.7188, 46.7989, 41.9114

Complementary

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



40.1346, 46.7989, 47.9921



40.5654, 38.2139, 43.7681

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.



49.0507, 46.7989, 47.2307



40.1346, 46.7989, 47.9921



47.9325, 46.7989, 60.5598

Square

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



40.1346, 46.7989, 47.9921



43.4336, 46.7989, 64.9477



49.1303, 46.7989, 54.0396



45.5450, 46.7989, 39.1336

Rectangle

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



40.1346, 46.7989, 47.9921



40.8838, 46.7989, 59.2942



49.1303, 46.7989, 54.0396



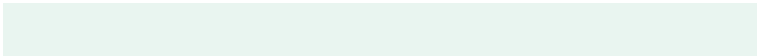
48.2832, 46.7989, 43.4387

Sweetspot

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



40.1359, 46.8009, 47.9931



81.7314, 88.7050, 94.9926



41.2599, 47.5726, 39.3561



17.4354, 19.0057, 20.3032



90.7827, 95.5105, 104.0109



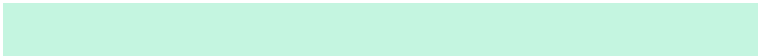
18.6292, 19.5994, 21.3438

Same Dimension

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



40.1359, 46.8009, 47.9931



68.8059, 82.2944, 82.9683



41.0436, 46.4576, 54.9505



9.6347, 10.7400, 11.3260



14.1666, 25.2569, 14.2061



0.5869, 1.0021, 0.7248

Inverse Universe

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



40.5654, 38.2139, 43.7681



69.7334, 63.7615, 73.8514



39.7416, 38.4533, 37.6759



9.6917, 9.6010, 10.7654



15.1127, 7.6762, 5.8871



0.6247, 0.3138, 0.4028

Previews

White Background



This preview shows how the XYZ color 40.1346, 46.7989, 47.9921 looks on a white background.

Color Contrast Check

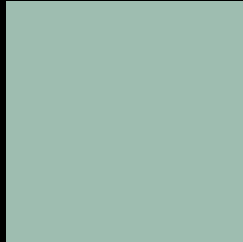
Large Text (above 18pt) WCAG AA × Fail

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 40.1346, 46.7989, 47.9921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

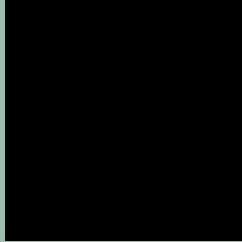
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

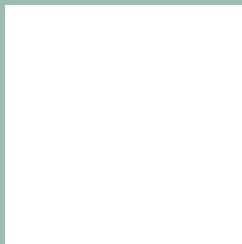
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1346, 46.7989, 47.9921

Background



This preview shows how black text looks on a background with the XYZ color 40.1346, 46.7989, 47.9921.



This preview shows how white text looks on a background with the XYZ color 40.1346, 46.7989,

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

40.1346, 46.7989, 47.9921

Protanopia

44.4638, 46.5911, 45.6792

Deuteranopia

47.4814, 46.5847, 49.1370



Tritanopia

42.6746, 46.5494, 61.3793

Trichromacy



Original Color

40.1346, 46.7989, 47.9921

Protanomaly

42.5878, 46.5282, 46.2714

Deuteranomaly

44.5673, 46.5764, 48.7607

Tritanomaly

41.6608, 46.4565, 56.0615

Monochromacy



Original Color

40.1346, 46.7989, 47.9921

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.4583, 45.2881, 48.1514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1346, 46.7989, 47.9921 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(158, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(158, 189, 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(158, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 189, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.1346, 46.7989, 47.9921 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(158, 189, 176) }
```


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

```
.border{ border-color:rgb(158, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(158, 189,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1346, 46.7989, 47.9921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 189, 176) }
```

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

```
.background{ background-color: rgb(158,  
189, 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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