

Converting Colors

XYZ(38.0574, 46.0840, 46.6116)

Have a look what the booklet for
XYZ(38.0574, 46.0840, 46.6116)
contains.

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Color

**XYZ(37.9889, 46.0471,
46.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	93BEAD
RGB	147, 190, 173
RGB Percent	58%, 75%, 68%
CMY	0.4235, 0.2549, 0.3216
CMYK	0.23, 0.00, 0.09, 0.25
HSL	156°, 25%, 66%
HSV	156°, 23%, 75%
XYZ	37.9889, 46.0471, 46.4209
YIQ	175.2050, -20.1710, -14.4030

Conversions

Conversions Part 2

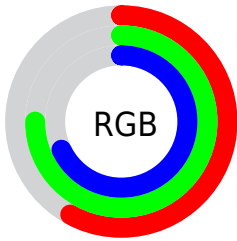
Format	Color
RYB	147, 174, 190
Decimal	9682605
CIELab	73.58, -17.80, 3.91
CIELCh	74, 18.223, 167.595
Yxy	46.0471, 0.2912, 0.3530
Android (android.graphics.Color)	4287872685 (0xFF93BEAD)
YUV	175.2050, -1.0871, -24.7358
Hunter-Lab	67.8580, -18.8220, 6.9410

Details

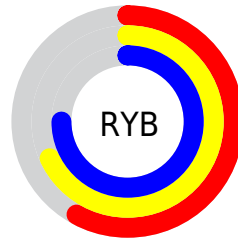
The XYZ color **37.9889, 46.0471, 46.4209** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.3714, 34.4961, 39.7600**, and the grayscale version is **40.8677, 42.9960, 46.8226**.

A 20% lighter version of the original color is **71.3165, 84.0695, 85.8671**, and **17.1162, 21.7047, 21.3765** is the 20% darker color. If you saturate the color by 10%, you get **34.1527, 44.1524, 42.5533**, and if you desaturate by 10%, it is **42.4313, 48.2521, 50.5322**.

Distribution



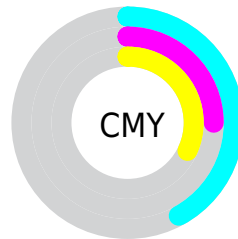
- Red (58%)
- Green (75%)
- Blue (68%)



- Red (58%)
- Yellow (68%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)





- Cyan (42%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9889, 46.0471, 46.4209 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 37.9889, 46.0471, 46.4209 by changing the saturation by 10% instead.


 37.9889, 46.0471,
46.4209


 37.9889, 46.0471,
46.4209


328.8540,
370.9980, 388.8249

 26.1512, 32.2830,
32.2270


 71.3951, 84.2895,
86.1895

 17.0701, 21.5777,
21.2687


 93.6944, 109.5365,
112.6012

 10.3801, 13.5470,
13.1274


120.2116,
139.3800, 143.9227

 5.7159, 7.8063,
7.3846

151.3121,
174.2044, 180.5725

 2.7121, 3.9712,
3.6217

187.3613,
214.3940, 222.9690

 1.0034, 1.6575,
1.4202

228.7244,

 0.0000, 0.3959,

260.3331, 271.5309

0.1574

275.7669,
312.4064, 326.6767

■ 0.0000, 0.0000,
0.0000

■ 37.9889, 46.0471,
46.4209

■ 37.9889, 46.0471,
46.4209

■ 34.1527, 44.1524,
42.5533

■ 42.4313, 48.2521,
50.5322

■ 30.8906, 42.5477,
38.9215

■ 47.5024, 50.7752,
54.8888

■ 28.1733, 41.2193,
35.5216

■ 53.2283, 53.6310,
59.4962

■ 25.9671, 40.1499,
32.3484

■ 59.6324, 56.8314,
64.3586

■ 24.2346, 39.3203,
29.3963

■ 66.7368, 60.3878,
69.4804

■ 22.9329, 38.7085,
26.6595

■ 72.3192, 63.1546,
74.7605

■ 22.0107, 38.2881,
24.1315

■ 73.3254, 63.5571,
80.0592

■ 21.5019, 38.0637,
22.3969

■ 74.3768, 63.9776,
85.5956

■ 75.4739, 64.4165,
91.3728

Harmonies

Analogous

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



39.3482, 46.0471, 39.0964



37.9889, 46.0471, 46.4209



38.1212, 46.0471, 55.6960

Triad

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



37.9889, 46.0471, 46.4209



45.6665, 46.0471, 69.0284



48.0797, 46.0471, 38.1414

Complementary

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



37.9889, 46.0471, 46.4209



38.3714, 34.4961, 39.7600

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.



49.9430, 46.0471, 44.9617



37.9889, 46.0471, 46.4209



48.5035, 46.0471, 63.0831

Square

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



37.9889, 46.0471, 46.4209



42.4487, 46.0471, 69.5445



50.1018, 46.0471, 54.0473



45.1111, 46.0471, 34.7252

Rectangle

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



37.9889, 46.0471, 46.4209



39.0377, 46.0471, 61.7628



50.1018, 46.0471, 54.0473



48.8623, 46.0471, 40.0709

Sweetspot

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



37.9902, 46.0490, 46.4219



81.8156, 89.8859, 95.8688



39.0326, 46.8493, 34.5900



17.8425, 19.6767, 20.9460



92.9021, 97.7402, 106.4391



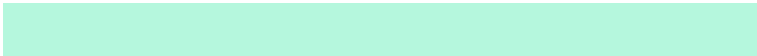
19.4759, 20.4902, 22.3138

Same Dimension

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



37.9902, 46.0490, 46.4219



65.3659, 81.7246, 80.6970



38.8242, 44.9142, 55.3405



9.6444, 10.7439, 11.3772



14.3364, 25.3248, 15.1000



0.5929, 1.0045, 0.7566

Inverse Universe

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



38.3714, 34.4961, 39.7600



66.1759, 57.2128, 66.5683



37.6180, 35.2848, 32.4324



9.6822, 9.5972, 10.7155



15.0038, 7.6327, 5.3137



0.6201, 0.3119, 0.3785

Previews

White Background



This preview shows how the XYZ color 37.9889, 46.0471, 46.4209 looks on a white background.

Color Contrast Check

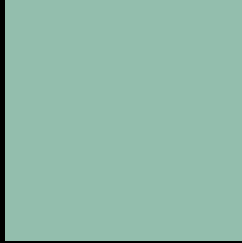
Large Text (above 18pt) WCAG AA × Fail

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 37.9889, 46.0471, 46.4209 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 37.9889, 46.0471, 46.4209

Background



This preview shows how black text looks on a background with the XYZ color 37.9889, 46.0471, 46.4209.



This preview shows how white text looks on a background with the XYZ color 37.9889, 46.0471,

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

37.9889, 46.0471, 46.4209

Protanopia

43.5460, 45.8716, 43.1182

Deuteranopia

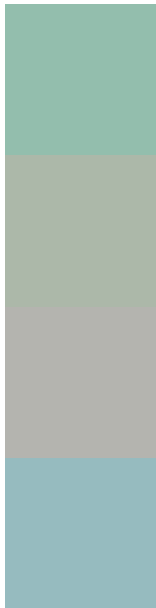
46.5257, 45.5488, 47.4139



Tritanopia

41.0504, 46.0103, 61.9756

Trichromacy



Original Color

37.9889, 46.0471, 46.4209

Protanomaly

41.3152, 45.9162, 44.2213

Deuteranomaly

42.8815, 45.4410, 47.0683

Tritanomaly

39.7520, 45.7863, 56.0327

Monochromacy



Original Color

37.9889, 46.0471, 46.4209

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.4783, 43.6978, 46.3982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9889, 46.0471, 46.4209 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(147, 190, 173)` looks like.

```
.text, #text, p{  
    color:rgb(147, 190, 173)  
}
```

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(147, 190, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 190, 173) }
```

Border

The CSS property to change the border of an element to XYZ 37.9889, 46.0471, 46.4209 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(147, 190, 173) }
```


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

```
.border{ border-color:rgb(147, 190, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 190, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 190, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 190, 173);  
box-shadow:4px 4px 4px 4px rgb(147, 190,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9889, 46.0471, 46.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 190, 173) }
```

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

```
.background{ background-color: rgb(147,  
190, 173) }
```

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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