

Converting Colors

XYZ(40.6210, 47.3132, 43.1530)

Have a look what the booklet for
XYZ(40.6210, 47.3132, 43.1530)
contains.

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Color

**XYZ(40.5976, 47.1477,
43.0371)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BDA6
RGB	165, 189, 166
RGB Percent	65%, 74%, 65%
CMY	0.3529, 0.2588, 0.3490
CMYK	0.13, 0.00, 0.12, 0.26
HSL	123°, 15%, 69%
HSV	123°, 13%, 74%
XYZ	40.5976, 47.1477, 43.0371
YIQ	179.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

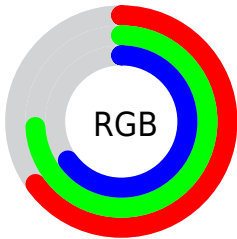
Format	Color
RYB	165, 188, 189
Decimal	10861990
CIELab	74.28, -12.60, 8.89
CIELCh	74, 15.422, 144.819
Yxy	47.1477, 0.3104, 0.3605
Android (android.graphics.Color)	4289052070 (0xFFFA5BDA6)
YUV	179.2020, -6.5086, -12.4552
Hunter-Lab	68.6642, -14.6244, 10.9033

Details

The XYZ color **40.5976, 47.1477, 43.0371** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.5202, 41.3611, 53.2689**, and the grayscale version is **42.9928, 45.2318, 49.2574**.

A 20% lighter version of the original color is **75.2188, 85.7409, 80.9918**, and **18.6515, 22.3339, 19.2474** is the 20% darker color. If you saturate the color by 10%, you get **35.4070, 44.6518, 34.7233**, and if you desaturate by 10%, it is **46.6058, 50.0407, 52.6127**.

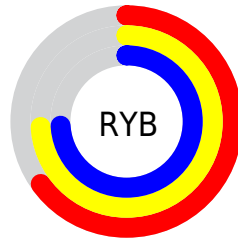
Distribution



Red (65%)

Green (74%)

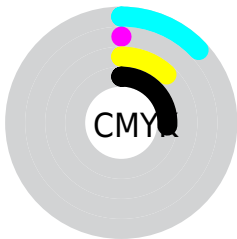
Blue (65%)



Red (65%)

Yellow (74%)

Blue (74%)

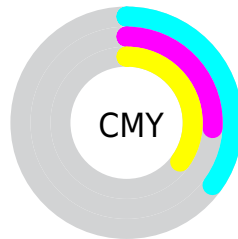


Cyan (13%)

Magenta (0%)

Yellow (12%)

Black (26%)



Cyan (35%)

Magenta (26%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5976, 47.1477, 43.0371 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 40.5976, 47.1477, 43.0371 by changing the saturation by 10% instead.

■ 40.5976, 47.1477,
43.0371

■ 40.5976, 47.1477,
43.0371

339.7274,
375.4038, 374.6900

■ 28.1911, 33.1524,
29.5826

■ 75.3512, 85.9341,
81.0538

■ 18.6109, 22.2432,
19.2726

■ 98.4290, 111.4939,
106.4531

■ 11.4918, 14.0357,
11.6886

125.7947,
141.6775, 136.6711

■ 6.4684, 8.1455,
6.4121

157.8135,
176.8690, 172.1262

■ 3.1753, 4.1882,
3.0244

194.8508,
217.4531, 213.2372

■ 1.2471, 1.7794,
1.1071

237.2719,

■ 0.1431, 0.4743,

263.8139, 260.4225

0.0000

285.4424,
316.3360, 314.1005

■ 0.0000, 0.0000,
0.0000

■ 40.5976, 47.1477,
43.0371

■ 40.5976, 47.1477,
43.0371

■ 35.4070, 44.6518,
34.7233

■ 46.6058, 50.0407,
52.6127

■ 30.9950, 42.5301,
27.6159

■ 53.4608, 53.3408,
63.4963

■ 27.3253, 40.7664,
21.6596

■ 61.1950, 57.0650,
75.7357

■ 24.3570, 39.3408,
16.7940

■ 69.8380, 61.2277,
89.3753

■ 22.0455, 38.2318,
12.9530

■ 77.4885, 64.8770,
103.0462

■ 20.3408, 37.4151,
10.0633

■ 19.1858, 36.8633,
8.0421

■ 18.5128, 36.5433,
6.7921

■ 18.2417, 36.4143,
6.2934

Harmonies

Analogous

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



42.6132, 47.1477, 38.6952



40.5976, 47.1477, 43.0371



39.7133, 47.1477, 49.9702

Triad

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



40.5976, 47.1477, 43.0371



44.3331, 47.1477, 68.0798



49.8240, 47.1477, 45.1941

Complementary

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



40.5976, 47.1477, 43.0371



43.5202, 41.3611, 53.2689

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.



50.3304, 47.1477, 52.7261



40.5976, 47.1477, 43.0371



47.0861, 47.1477, 66.4670

Square

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



40.5976, 47.1477, 43.0371



41.8125, 47.1477, 64.8435



49.3094, 47.1477, 60.6382



47.9527, 47.1477, 39.8477

Rectangle

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



40.5976, 47.1477, 43.0371



39.8569, 47.1477, 55.3379



49.3094, 47.1477, 60.6382



50.1627, 47.1477, 47.5315

Sweetspot

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



40.5989, 47.1497, 43.0381



81.9111, 88.8696, 91.7492



45.7795, 49.8310, 42.8034



17.4321, 19.0232, 19.4397



90.7827, 95.5105, 104.0109



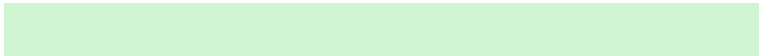
18.6292, 19.5994, 21.3438

Same Dimension

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



40.5989, 47.1497, 43.0381



70.2112, 83.2391, 73.0847



41.7319, 47.6029, 49.0045



9.4245, 10.6559, 10.2187



12.2800, 24.5023, 4.2714



0.4866, 0.9620, 0.1967

Inverse Universe

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



43.5202, 41.3611, 53.2689



76.3803, 71.0147, 94.6893



42.2992, 40.8727, 46.8393



9.9123, 9.6892, 11.9273



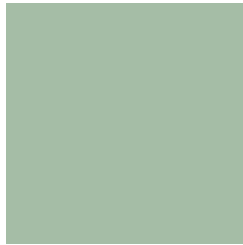
19.7478, 9.5303, 30.2951



0.7789, 0.3755, 1.2150

Previews

White Background



This preview shows how the XYZ color 40.5976, 47.1477, 43.0371 looks on a white background.

Color Contrast Check

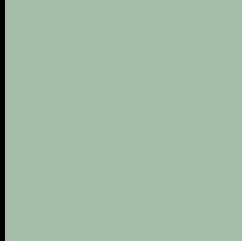
Large Text (above 18pt) WCAG AA × Fail

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 40.5976, 47.1477, 43.0371 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

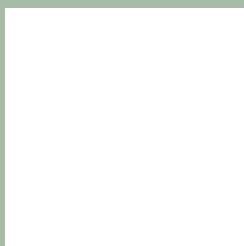
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5976, 47.1477, 43.0371

Background



This preview shows how black text looks on a background with the XYZ color 40.5976, 47.1477, 43.0371.



This preview shows how white text looks on a background with the XYZ color 40.5976, 47.1477,

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

40.5976, 47.1477, 43.0371

Protanopia

44.4847, 47.0117, 40.9120

Deuteranopia

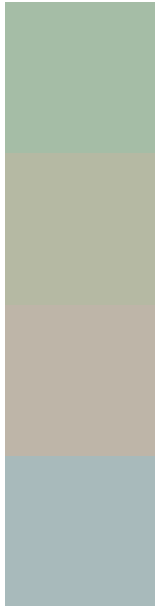
47.8636, 46.8944, 44.0650



Tritanopia

44.0269, 46.9505, 60.7747

Trichromacy



Original Color

40.5976, 47.1477, 43.0371

Protanomaly

43.0159, 47.1660, 41.4871

Deuteranomaly

44.8270, 46.8220, 43.7207

Tritanomaly

42.6770, 47.0305, 53.8422

Monochromacy



Original Color

40.5976, 47.1477, 43.0371

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.0290, 45.9216, 46.6930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5976, 47.1477, 43.0371 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(165, 189, 166)` looks like.

```
.text, #text, p{  
    color:rgb(165, 189, 166)  
}
```

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(165, 189, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 189, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.5976, 47.1477, 43.0371 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(165, 189, 166) }
```


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

```
.border{ border-color:rgb(165, 189, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 189, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 189, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 189, 166);  
box-shadow:4px 4px 4px 4px rgb(165, 189,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5976, 47.1477, 43.0371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 189, 166) }
```

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

```
.background{ background-color: rgb(165,  
189, 166) }
```

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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