

Converting Colors

XYZ(40.4193, 46.0725, 47.4744)

Have a look what the booklet for
XYZ(40.4193, 46.0725, 47.4744)
contains.

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Color

**XYZ(40.4010, 45.9995,
47.3069)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BAAF
RGB	163, 186, 175
RGB Percent	64%, 73%, 69%
CMY	0.3608, 0.2706, 0.3137
CMYK	0.12, 0.00, 0.06, 0.27
HSL	151°, 14%, 68%
HSV	151°, 12%, 73%
XYZ	40.4010, 45.9995, 47.3069
YIQ	177.8690, -10.1770, -8.2970

Conversions

Conversions Part 2

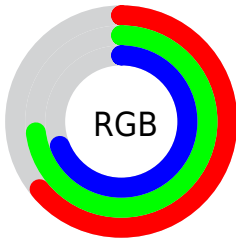
Format	Color
RYB	163, 178, 186
Decimal	10730159
CIELab	73.55, -10.03, 2.91
CIELCh	74, 10.442, 163.820
Yxy	45.9995, 0.3022, 0.3440
Android (android.graphics.Color)	4288920239 (0xFFA3BAAF)
YUV	177.8690, -1.4144, -13.0401
Hunter-Lab	67.8229, -12.3606, 6.1209

Details

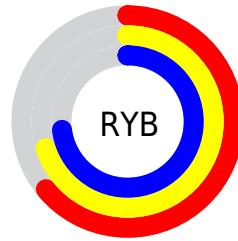
The XYZ color **40.4010, 45.9995, 47.3069** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9885, 39.6906, 45.5471**, and the grayscale version is **42.2598, 44.4606, 48.4176**.

A 20% lighter version of the original color is **74.9485, 84.1229, 87.1500**, and **18.5182, 21.5846, 21.9291** is the 20% darker color. If you saturate the color by 10%, you get **36.0240, 43.8420, 42.6904**, and if you desaturate by 10%, it is **45.3983, 48.4727, 52.2550**.

Distribution



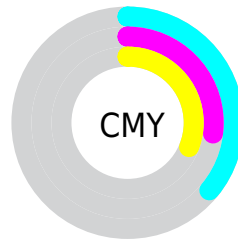
- Red (64%)
- Green (73%)
- Blue (69%)



- Red (64%)
- Yellow (70%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)





- Cyan (36%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4010, 45.9995, 47.3069 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 40.4010, 45.9995, 47.3069 by changing the saturation by 10% instead.

 40.4010, 45.9995,
47.3069


 40.4010, 45.9995,
47.3069


338.9163,
370.8066, 392.4674

 28.0369, 32.2454,
32.9223


 75.0542, 84.2182,
87.5263

 18.4941, 21.5490,
21.7963


 98.0741, 109.4517,
114.1982

 11.4071, 13.5259,
13.5104


125.3766,
139.2804, 145.8028

 6.4107, 7.7917,
7.6461

157.3271,
174.0888, 182.7589

 3.1394, 3.9619,
3.7848

194.2910,
214.2612, 225.4848

 1.2279, 1.6523,
1.5081

236.6336,

 0.1282, 0.3925,

260.1821, 274.3992

0.2239

284.7203,
312.2357, 329.9205

■ 0.0000, 0.0000,
0.0000

■ 40.4010, 45.9995,
47.3069

■ 40.4010, 45.9995,
47.3069

■ 36.0240, 43.8420,
42.6904

■ 45.3983, 48.4727,
52.2550

■ 32.2381, 41.9815,
38.3954

■ 51.0360, 51.2679,
57.5382

■ 29.0172, 40.4058,
34.4158

■ 57.3380, 54.3987,
63.1642

■ 26.3318, 39.0999,
30.7441

■ 64.3259, 57.8761,
69.1391

■ 24.1496, 38.0473,
27.3725

■ 71.6501, 61.5197,
75.4519

■ 22.4345, 37.2295,
24.2927

■ 72.8566, 62.0023,
81.8055

■ 21.1456, 36.6256,
21.4961

■ 74.1268, 62.5104,
88.4941

■ 20.2338, 36.2105,
18.9733

■ 75.4615, 63.0443,
95.5226

■ 19.7191, 35.9833,
17.2240

■ 76.8498, 63.5996,
102.8333

Harmonies

Analogous

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



41.3099, 45.9995, 43.1052



40.4010, 45.9995, 47.3069



40.3651, 45.9995, 52.5527

Triad

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



40.4010, 45.9995, 47.3069



44.5743, 45.9995, 60.6163



46.3317, 45.9995, 43.3735

Complementary

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



40.4010, 45.9995, 47.3069



40.9885, 39.6906, 45.5471

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.



47.2582, 45.9995, 47.6970



40.4010, 45.9995, 47.3069



46.2244, 45.9995, 57.7817

Square

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



40.4010, 45.9995, 47.3069



42.7398, 45.9995, 60.4934



47.2184, 45.9995, 52.9711



44.7174, 45.9995, 40.9458

Rectangle

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



40.4010, 45.9995, 47.3069



40.8389, 45.9995, 55.9576



47.2184, 45.9995, 52.9711



46.7359, 45.9995, 44.6395

Sweetspot

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



40.4023, 46.0014, 47.3079



80.6635, 87.0533, 93.1443



41.6529, 46.7764, 41.4843



17.6067, 19.0930, 20.3593



90.7827, 95.5105, 104.0109



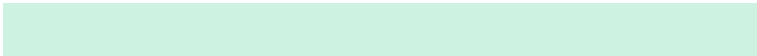
18.6292, 19.5994, 21.3438

Same Dimension

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



40.4023, 46.0014, 47.3079



70.8287, 82.1916, 83.2721



41.4470, 46.2903, 53.2071



9.0807, 10.1363, 10.5826



13.3038, 24.2225, 11.7879



0.5001, 0.8663, 0.5792

Inverse Universe

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



40.9885, 39.6906, 45.5471



72.1130, 68.3656, 79.4147



40.0273, 39.4152, 40.1491



9.1787, 9.0818, 10.2884



14.8730, 7.5230, 7.2180



0.5556, 0.2777, 0.4193

Previews

White Background



This preview shows how the XYZ color 40.4010, 45.9995, 47.3069 looks on a white background.

Color Contrast Check

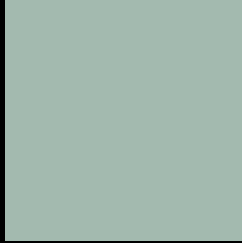
Large Text (above 18pt) WCAG AA × Fail

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 40.4010, 45.9995, 47.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

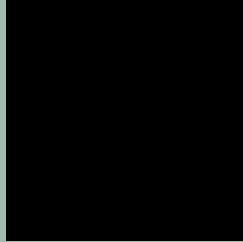
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4010, 45.9995, 47.3069

Background



This preview shows how black text looks on a background with the XYZ color 40.4010, 45.9995, 47.3069.



This preview shows how white text looks on a background with the XYZ color 40.4010, 45.9995,

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

40.4010, 45.9995, 47.3069

Protanopia

43.9216, 46.0219, 45.0963

Deuteranopia

46.6251, 45.5885, 47.9370



Tritanopia

42.9479, 46.1137, 59.4606

Trichromacy



Original Color

40.4010, 45.9995, 47.3069

Protanomaly

42.5344, 45.8994, 45.6474

Deuteranomaly

44.0066, 45.4145, 47.5208

Tritanomaly

42.0517, 46.0621, 54.8186

Monochromacy



Original Color

40.4010, 45.9995, 47.3069

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.6933, 45.1063, 48.1039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4010, 45.9995, 47.3069 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(163, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(163, 186, 175)  
}
```

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(163, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 186, 175) }
```

Border

The CSS property to change the border of an element to XYZ 40.4010, 45.9995, 47.3069 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(163, 186, 175) }
```


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

```
.border{ border-color:rgb(163, 186, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 186, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(163, 186,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4010, 45.9995, 47.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 186, 175) }
```

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

```
.background{ background-color: rgb(163,  
186, 175) }
```

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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