

Converting Colors

XYZ(40.3374, 46.2208, 43.9791)

Have a look what the booklet for
XYZ(40.3374, 46.2208, 43.9791)
contains.

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Color

**XYZ(40.3553, 46.3671,
43.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	A5BBA8
RGB	165, 187, 168
RGB Percent	65%, 73%, 66%
CMY	0.3529, 0.2667, 0.3412
CMYK	0.12, 0.00, 0.10, 0.27
HSL	128°, 14%, 69%
HSV	128°, 12%, 73%
XYZ	40.3553, 46.3671, 43.8686
YIQ	178.2560, -7.0130, -10.5730

Conversions

Conversions Part 2

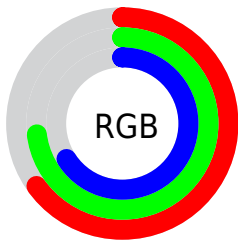
Format	Color
RYB	165, 184, 187
Decimal	10861480
CIELab	73.78, -11.20, 7.08
CIELCh	74, 13.248, 147.683
Yxy	46.3671, 0.3090, 0.3551
Android (android.graphics.Color)	4289051560 (0xFFA5BBA8)
YUV	178.2560, -5.0562, -11.6255
Hunter-Lab	68.0934, -13.3761, 9.4683

Details

The XYZ color **40.3553, 46.3671, 43.8686** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.6021, 40.9370, 51.0059**, and the grayscale version is **42.4821, 44.6945, 48.6723**.

A 20% lighter version of the original color is **74.8851, 84.6445, 82.2032**, and **18.4875, 21.8219, 19.7606** is the 20% darker color. If you saturate the color by 10%, you get **35.3341, 43.9431, 36.2613**, and if you desaturate by 10%, it is **46.1347, 49.1630, 52.4889**.

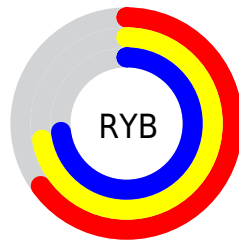
Distribution



Red (65%)

Green (73%)

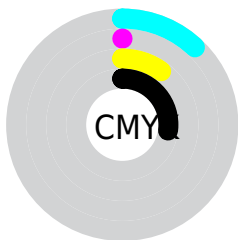
Blue (66%)



Red (65%)

Yellow (72%)

Blue (73%)

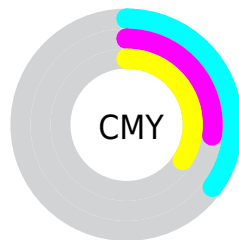


Cyan (12%)

Magenta (0%)

Yellow (10%)

Black (27%)



Cyan (35%)


Magenta (27%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3553, 46.3671, 43.8686 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 40.3553, 46.3671, 43.8686 by changing the saturation by 10% instead.


 40.3553, 46.3671,
43.8686


 40.3553, 46.3671,
43.8686


338.7276,
372.2826, 378.1974

 28.0011, 32.5356,
30.2308


 74.9852, 84.7681,
82.3203

 18.4670, 21.7709,
19.7603


 97.9915, 110.1065,
107.9714

 11.3875, 13.6887,
12.0386


125.2794,
140.0492, 138.4639

 6.3973, 7.9045,
6.6471

157.2140,
174.9807, 174.2164

 3.1311, 4.0339,
3.1673

194.1608,
215.2854, 215.6474

 1.2235, 1.6925,
1.1807

236.4851,

 0.1248, 0.4188,

261.3477, 263.1756

0.0000

284.5522,
313.5519, 317.2194

■ 0.0000, 0.0000,
0.0000

■ 40.3553, 46.3671,
43.8686

■ 40.3553, 46.3671,
43.8686

■ 35.3341, 43.9431,
36.2613

■ 46.1347, 49.1630,
52.4889

■ 31.0360, 41.8697,
29.6268

■ 52.6981, 52.3394,
62.1544

■ 27.4285, 40.1324,
23.9269

■ 60.0747, 55.9120,
72.8994

■ 24.4754, 38.7134,
19.1196

■ 68.2911, 59.8938,
84.7561

■ 22.1370, 37.5931,
15.1595

■ 76.0719, 63.6266,
97.6940

■ 20.3693, 36.7500,
11.9975

■ 77.0612, 64.0224,
102.9037

■ 19.1224, 36.1595,
9.5793

■ 18.3376, 35.7924,
7.8439

■ 17.9521, 35.6147,
6.8762

Harmonies

Analogous

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



42.0012, 46.3671, 39.8557



40.3553, 46.3671, 43.8686



39.7013, 46.3671, 49.9636

Triad

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



40.3553, 46.3671, 43.8686



43.8878, 46.3671, 64.5761



48.2011, 46.3671, 44.7004

Complementary

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



40.3553, 46.3671, 43.8686



42.6021, 40.9370, 51.0059

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.



48.7492, 46.3671, 51.0118



40.3553, 46.3671, 43.8686



46.2068, 46.3671, 62.8558

Square

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



40.3553, 46.3671, 43.8686



41.6950, 46.3671, 62.2512



48.0071, 46.3671, 57.7373



46.5347, 46.3671, 40.3050

Rectangle

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



40.3553, 46.3671, 43.8686



39.8976, 46.3671, 54.5262



48.0071, 46.3671, 57.7373



48.5248, 46.3671, 46.6503

Sweetspot

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



40.3566, 46.3691, 43.8696



80.1216, 86.8365, 90.2907



44.3469, 48.4581, 42.6141



17.4661, 19.0368, 19.6188



90.7827, 95.5105, 104.0109



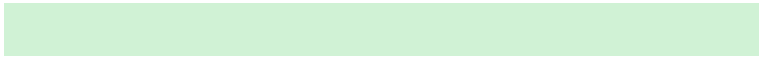
18.6292, 19.5994, 21.3438

Same Dimension

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



40.3566, 46.3691, 43.8696



69.9384, 81.9137, 75.0484



41.4188, 46.7940, 49.4633



9.4603, 10.6703, 10.4077



12.3845, 24.5441, 4.8216



0.5025, 0.9684, 0.2802

Inverse Universe

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



42.6021, 40.9370, 51.0059



74.7192, 70.3479, 90.2414



41.4994, 40.4959, 45.1995



9.8725, 9.6733, 11.7175



18.6029, 9.0723, 24.2664



0.7444, 0.3616, 1.0331

Previews

White Background



This preview shows how the XYZ color 40.3553, 46.3671, 43.8686 looks on a white background.

Color Contrast Check

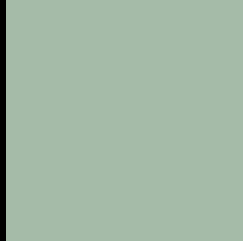
Large Text (above 18pt) WCAG AA × Fail

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 40.3553, 46.3671, 43.8686 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

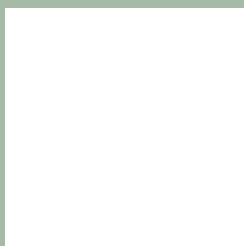
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3553, 46.3671, 43.8686

Background



This preview shows how black text looks on a background with the XYZ color 40.3553, 46.3671, 43.8686.



This preview shows how white text looks on a background with the XYZ color 40.3553, 46.3671,

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

40.3553, 46.3671, 43.8686

Protanopia

43.7611, 46.0142, 41.6971

Deuteranopia

46.9428, 46.1188, 44.4579



Tritanopia

43.5891, 46.4442, 59.4906

Trichromacy



Original Color

40.3553, 46.3671, 43.8686

Protanomaly

42.5474, 46.2869, 42.2891

Deuteranomaly

44.2678, 45.9236, 44.0671

Tritanomaly

42.1519, 46.1510, 53.1408

Monochromacy



Original Color

40.3553, 46.3671, 43.8686

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.3974, 44.9880, 46.5461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3553, 46.3671, 43.8686 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, 187, 168)` looks like.

```
.text, #text, p{  
    color:rgb(165, 187, 168)  
}
```

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, 187, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 187, 168) }
```

Border

The CSS property to change the border of an element to XYZ 40.3553, 46.3671, 43.8686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

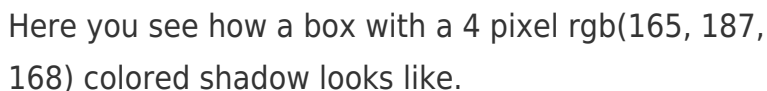
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 187, 168) }
```


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

```
.border{ border-color:rgb(165, 187, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 187, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 187, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 187, 168); box-shadow:4px 4px 4px 4px rgb(165, 187, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3553, 46.3671, 43.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 187, 168) }
```

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

```
.background{ background-color: rgb(165,  
187, 168) }
```

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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