

Converting Colors

XYZ(39.2487, 46.1875, 50.6410)

Have a look what the booklet for
XYZ(39.2487, 46.1875, 50.6410)
contains.

XYZ(39.3006, 46.3107, 50.5836)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.3006, 46.3107,
50.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	97BDB5
RGB	151, 189, 181
RGB Percent	59%, 74%, 71%
CMY	0.4078, 0.2588, 0.2902
CMYK	0.20, 0.00, 0.04, 0.26
HSL	167°, 22%, 67%
HSV	167°, 20%, 74%
XYZ	39.3006, 46.3107, 50.5836
YIQ	176.7260, -20.0800, -10.5440

Conversions

Conversions Part 2

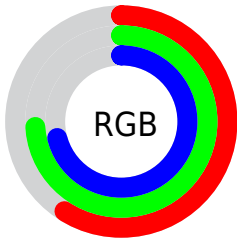
Format	Color
R _Y B	151, 172, 189
Decimal	9944501
CIE Lab	73.75, -14.34, -0.16
CIE LCh	74, 14.342, 180.650
Yxy	46.3107, 0.2886, 0.3400
Android (android.graphics.Color)	4288134581 (0xFF97BDB5)
YUV	176.7260, 2.1071, -22.5617
Hunter-Lab	68.0520, -16.0056, 3.5656

Details

The XYZ color **39.3006, 46.3107, 50.5836** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.3125, 35.4565, 37.6274**, and the grayscale version is **41.6441, 43.8129, 47.7122**.

A 20% lighter version of the original color is **73.3921, 84.5411, 92.5706**, and **17.8460, 21.8195, 23.6931** is the 20% darker color. If you saturate the color by 10%, you get **35.6680, 44.4858, 48.3129**, and if you desaturate by 10%, it is **43.5099, 48.4340, 52.9442**.

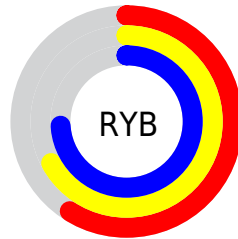
Distribution



Red (59%)

Green (74%)

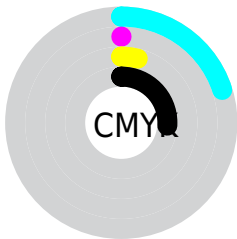
Blue (71%)



Red (59%)

Yellow (67%)

Blue (74%)

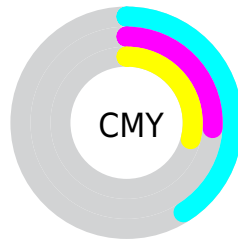


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (26%)



Cyan (41%)


Magenta (26%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3006, 46.3107, 50.5836 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 39.3006, 46.3107, 50.5836 by changing the saturation by 10% instead.


 39.3006, 46.3107,
50.5836


 39.3006, 46.3107,
50.5836


334.3520,
372.0564, 405.7441

 27.1754, 32.4911,
35.5029


 73.3884, 84.6838,
92.4442

 17.8423, 21.7369,
23.7639


 96.0818, 110.0061,
120.0611

 10.9358, 13.6637,
14.9480

123.0287,
139.9313, 152.6939

 6.0907, 7.8871,
8.6367

154.5943,
174.8440, 190.7610

 2.9415, 4.0228,
4.4114

191.1441,
215.1284, 234.6811

 1.1229, 1.6863,
1.8536

233.0434,

 0.0441, 0.4148,

261.1690, 284.8726

0.4630

280.6576,
313.3502, 341.7540

■ 0.0000, 0.0000,
0.0000

■ 39.3006, 46.3107,
50.5836

■ 39.3006, 46.3107,
50.5836

■ 35.6680, 44.4858,
48.3129

■ 43.5099, 48.4340,
52.9442

■ 32.5812, 42.9397,
46.1271

■ 48.3169, 50.8629,
55.3932

■ 30.0126, 41.6594,
44.0255

■ 53.7466, 53.6114,
57.9332

■ 27.9304, 40.6285,
42.0061

■ 59.8211, 56.6910,
60.5658

■ 26.2994, 39.8289,
40.0667

■ 66.5617, 60.1125,
63.2924

■ 25.0792, 39.2398,
38.2048

■ 70.4436, 62.0589,
65.9485

■ 24.2226, 38.8369,
36.4178

■ 70.9299, 62.2535,
68.5096

■ 23.6395, 38.5733,
34.7185

■ 71.4286, 62.4529,
71.1354

■ 71.9396, 62.6574,
73.8266

Harmonies

Analogous

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



39.8859, 46.3107, 43.8594



39.3006, 46.3107, 50.5836



39.9379, 46.3107, 57.9155

Triad

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



39.3006, 46.3107, 50.5836



46.5603, 46.3107, 63.4746



46.4605, 46.3107, 39.1636

Complementary

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



39.3006, 46.3107, 50.5836



38.3125, 35.4565, 37.6274

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.



48.3647, 46.3107, 43.6090



39.3006, 46.3107, 50.5836



48.4238, 46.3107, 57.6141

Square

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



39.3006, 46.3107, 50.5836



44.0725, 46.3107, 65.7847



49.0963, 46.3107, 50.2657



43.9615, 46.3107, 37.6632

Rectangle

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



39.3006, 46.3107, 50.5836



40.9850, 46.3107, 62.0628



49.0963, 46.3107, 50.2657



47.1948, 46.3107, 40.3405

Sweetspot

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



39.3019, 46.3126, 50.5846



81.2440, 88.4186, 96.5583



38.1294, 46.0263, 36.1533



17.3528, 18.9542, 20.7034



90.7827, 95.5105, 104.0109



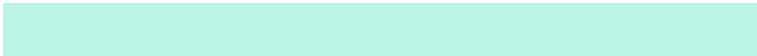
18.6292, 19.5994, 21.3438

Same Dimension

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



39.3019, 46.3126, 50.5846



67.4797, 81.4795, 88.8337



37.9161, 42.1888, 54.2912



9.7202, 10.7742, 11.7760



15.9333, 25.9636, 23.5093



0.6461, 1.0258, 1.0366

Inverse Universe

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



38.3125, 35.4565, 37.6274



65.3970, 58.6112, 61.5467



39.4530, 38.8131, 34.6912



9.6102, 9.5684, 10.3362



14.3989, 7.3907, 2.1281



0.5884, 0.2993, 0.2118

Previews

White Background



This preview shows how the XYZ color 39.3006, 46.3107, 50.5836 looks on a white background.

Color Contrast Check

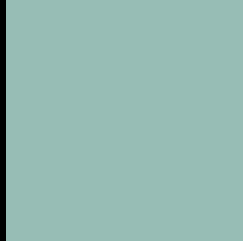
Large Text (above 18pt) WCAG AA × Fail

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 39.3006, 46.3107, 50.5836 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 39.3006, 46.3107, 50.5836

Background



This preview shows how black text looks on a background with the XYZ color 39.3006, 46.3107, 50.5836.



This preview shows how white text looks on a background with the XYZ color 39.3006, 46.3107,

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

39.3006, 46.3107, 50.5836

Protanopia

44.1653, 46.0914, 47.6431

Deuteranopia

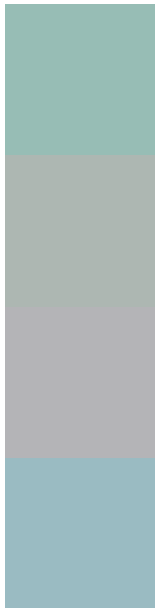
47.0077, 45.9910, 51.7470



Tritanopia

41.6191, 46.3034, 62.0022

Trichromacy



Original Color

39.3006, 46.3107, 50.5836

Protanomaly

42.2029, 45.9656, 48.7674

Deuteranomaly

43.6909, 45.7647, 51.3305

Tritanomaly

40.8344, 46.3057, 57.8246

Monochromacy



Original Color

39.3006, 46.3107, 50.5836

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.7082, 44.5869, 48.5801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3006, 46.3107, 50.5836 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(151, 189, 181)` looks like.

```
.text, #text, p{  
    color:rgb(151, 189, 181)  
}
```

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(151, 189, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 189, 181) }
```

Border

The CSS property to change the border of an element to XYZ 39.3006, 46.3107, 50.5836 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(151, 189, 181) }
```


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

```
.border{ border-color:rgb(151, 189, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 189, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 189, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 189, 181);  
box-shadow:4px 4px 4px 4px rgb(151, 189,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3006, 46.3107, 50.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 189, 181) }
```

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

```
.background{ background-color: rgb(151,  
189, 181) }
```

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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