

Converting Colors

XYZ(39.9443, 46.3124, 51.0899)

Have a look what the booklet for
XYZ(39.9443, 46.3124, 51.0899)
contains.

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Color

**XYZ(39.9443, 46.3124,
51.0899)**

Conversions

Conversions Part 1

Format	Color
Hex	9BBCB6
RGB	155, 188, 182
RGB Percent	61%, 74%, 71%
CMY	0.3921, 0.2627, 0.2863
CMYK	0.18, 0.00, 0.03, 0.26
HSL	169°, 20%, 67%
HSV	169°, 18%, 74%
XYZ	39.9443, 46.3124, 51.0899
YIQ	177.4490, -17.7420, -8.8620

Conversions

Conversions Part 2

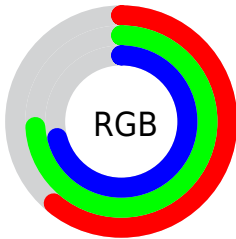
Format	Color
RYB	155, 173, 188
Decimal	10206390
CIELab	73.75, -12.32, -0.68
CIELCh	74, 12.342, 183.139
Yxy	46.3124, 0.2908, 0.3372
Android (android.graphics.Color)	4288396470 (0xFF9BBCB6)
YUV	177.4490, 2.2436, -19.6878
Hunter-Lab	68.0532, -14.3213, 3.1262

Details

The XYZ color **39.9443, 46.3124, 51.0899** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.8951, 36.7085, 38.7557**, and the grayscale version is **42.0224, 44.2108, 48.1456**.

A 20% lighter version of the original color is **74.3616, 84.5761, 93.2945**, and **18.2199, 21.7965, 24.0157** is the 20% darker color. If you saturate the color by 10%, you get **36.2646, 44.4570, 49.0962**, and if you desaturate by 10%, it is **44.1970, 48.4647, 53.1574**.

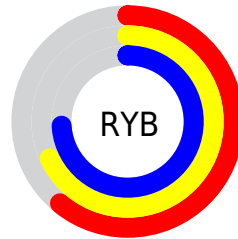
Distribution



Red (61%)

Green (74%)

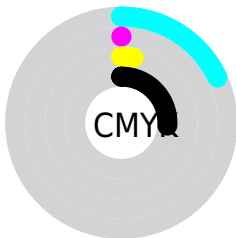
Blue (71%)



Red (61%)

Yellow (68%)

Blue (74%)

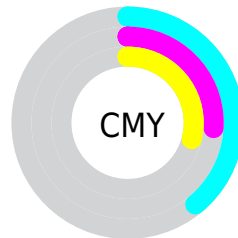


Cyan (18%)

Magenta (0%)

Yellow (3%)

Black (26%)



Cyan (39%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9443, 46.3124, 51.0899 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 39.9443, 46.3124, 51.0899 by changing the saturation by 10% instead.

■ 39.9443, 46.3124,
51.0899

■ 39.9443, 46.3124,
51.0899

337.0272,
372.0632, 407.7695

■ 27.6791, 32.4924,
35.9029

■ 74.3636, 84.6863,
93.2005

■ 18.2231, 21.7379,
24.0701

■ 97.2484, 110.0091,
120.9612

■ 11.2110, 13.6644,
15.1730

124.4038,
139.9349, 153.7503

■ 6.2773, 7.8876,
8.7929

156.1951,
174.8481, 191.9862

■ 3.0566, 4.0231,
4.5114

192.9878,
215.1331, 236.0876

■ 1.1838, 1.6865,
1.9099

235.1471,

■ 0.0935, 0.4149,

261.1744, 286.4729

0.4990

283.0385,
313.3563, 343.5607

■ 0.0000, 0.0000,
0.0000

■ 39.9443, 46.3124,
51.0899

■ 39.9443, 46.3124,
51.0899

■ 36.2646, 44.4570,
49.0962

■ 44.1970, 48.4647,
53.1574

■ 33.1280, 42.8794,
47.1717

■ 49.0432, 50.9206,
55.2971

■ 30.5079, 41.5670,
45.3158

■ 54.5069, 53.6939,
57.5114

■ 28.3736, 40.5041,
43.5267

■ 60.6098, 56.7957,
59.8016

■ 26.6913, 39.6733,
41.8025

■ 67.3726, 60.2367,
62.1689

■ 25.4229, 39.0549,
40.1411

■ 69.9462, 61.5170,
64.3868

■ 24.5238, 38.6259,
38.5402

■ 70.3571, 61.6813,
66.5503

■ 23.9283, 38.3525,
36.9962

■ 70.7770, 61.8493,
68.7615

■ 23.8009, 38.2949,
36.6258

■ 71.2060, 62.0209,
71.0205

Harmonies

Analogous

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



40.3659, 46.3124, 45.1686



39.9443, 46.3124, 51.0899



40.5841, 46.3124, 57.3143

Triad

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



39.9443, 46.3124, 51.0899



46.3622, 46.3124, 61.2197



45.9498, 46.3124, 40.4098

Complementary

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



39.9443, 46.3124, 51.0899



38.8951, 36.7085, 38.7557

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.



47.6415, 46.3124, 44.1136



39.9443, 46.3124, 51.0899



47.8851, 46.3124, 56.0770

Square

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



39.9443, 46.3124, 51.0899



44.2496, 46.3124, 63.4594



48.3608, 46.3124, 49.7685



43.7883, 46.3124, 39.3123

Rectangle

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



39.9443, 46.3124, 51.0899



41.5392, 46.3124, 60.7096



48.3608, 46.3124, 49.7685



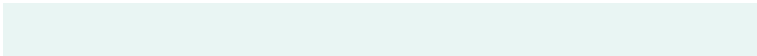
46.5946, 46.3124, 41.3753

Sweetspot

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



39.9456, 46.3143, 51.0909



82.1661, 88.8789, 97.2816



38.6091, 45.9172, 37.8391



17.5415, 19.0482, 20.8620



90.7827, 95.5105, 104.0109



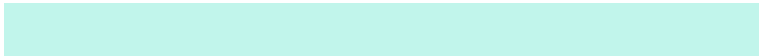
18.6292, 19.5994, 21.3438

Same Dimension

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



39.9456, 46.3143, 51.0909



69.7448, 82.5971, 91.2053



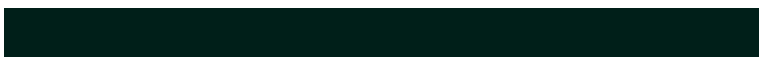
38.4271, 42.2630, 53.7114



9.7321, 10.7790, 11.8387



16.2293, 26.0820, 25.0680



0.6554, 1.0295, 1.0858

Inverse Universe

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



38.8951, 36.7085, 38.7557



67.4920, 61.9895, 64.7470



40.1935, 40.1323, 36.6390



9.5991, 9.5640, 10.2781



14.3390, 7.3668, 1.8128



0.5836, 0.2973, 0.1865

Previews

White Background



This preview shows how the XYZ color 39.9443, 46.3124, 51.0899 looks on a white background.

Color Contrast Check

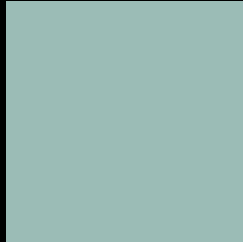
Large Text (above 18pt) WCAG AA × Fail

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 39.9443, 46.3124, 51.0899 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

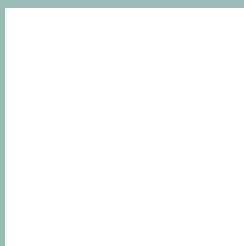
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9443, 46.3124, 51.0899

Background



This preview shows how black text looks on a background with the XYZ color 39.9443, 46.3124, 51.0899.



This preview shows how white text looks on a background with the XYZ color 39.9443, 46.3124,

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

39.9443, 46.3124, 51.0899

Protanopia

44.2647, 46.1311, 48.1662

Deuteranopia

46.8519, 45.8985, 52.2889



Tritanopia

41.8748, 46.1372, 61.3419

Trichromacy



Original Color

39.9443, 46.3124, 51.0899

Protanomaly

42.5257, 46.1203, 49.3086

Deuteranomaly

44.0290, 45.9270, 51.8916

Tritanomaly

41.0892, 46.1362, 57.1916

Monochromacy



Original Color

39.9443, 46.3124, 51.0899

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.0227, 44.7374, 49.1209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9443, 46.3124, 51.0899 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(155, 188, 182)` looks like.

```
.text, #text, p{  
    color:rgb(155, 188, 182)  
}
```

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(155, 188, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 188, 182) }
```

Border

The CSS property to change the border of an element to XYZ 39.9443, 46.3124, 51.0899 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(155, 188, 182) }
```


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

```
.border{ border-color:rgb(155, 188, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 188, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 188, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 188, 182); box-shadow:4px 4px 4px 4px rgb(155, 188, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9443, 46.3124, 51.0899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 188, 182) }
```

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

```
.background{ background-color: rgb(155,  
188, 182) }
```

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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