

Converting Colors

XYZ(39.8929, 46.9405, 41.5891)

Have a look what the booklet for
XYZ(39.8929, 46.9405, 41.5891)
contains.

XYZ(39.9127, 46.8261, 41.5850)	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(39.9127, 46.8261,
41.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BDA3
RGB	163, 189, 163
RGB Percent	64%, 74%, 64%
CMY	0.3608, 0.2588, 0.3608
CMYK	0.14, 0.00, 0.14, 0.26
HSL	120°, 16%, 69%
HSV	120°, 14%, 74%
XYZ	39.9127, 46.8261, 41.5850
YIQ	178.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

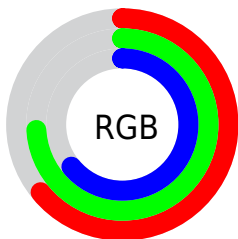
Format	Color
RYB	163, 189, 189
Decimal	10730915
CIELab	74.08, -13.85, 10.20
CIELCh	74, 17.199, 143.623
Yxy	46.8261, 0.3110, 0.3649
Android (android.graphics.Color)	4288920995 (0xFFA3BDA3)
YUV	178.2620, -7.5242, -13.3848
Hunter-Lab	68.4296, -15.6387, 11.8699

Details

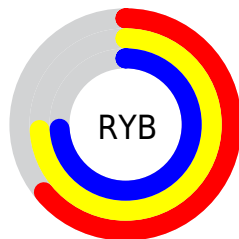
The XYZ color **39.9127, 46.8261, 41.5850** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2704, 40.6884, 53.7194**, and the grayscale version is **42.4980, 44.7112, 48.6905**.

A 20% lighter version of the original color is **74.2207, 85.2722, 78.8770**, and **18.2289, 22.1355, 18.3507** is the 20% darker color. If you saturate the color by 10%, you get **34.7595, 44.3521, 33.1550**, and if you desaturate by 10%, it is **45.9000, 49.7035, 51.3772**.

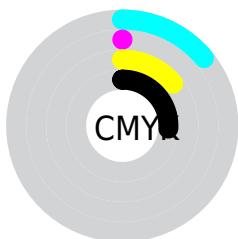
Distribution



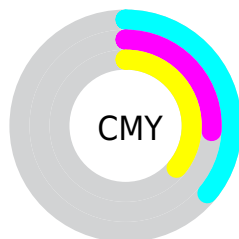
- Red (64%)
- Green (74%)
- Blue (64%)



- Red (64%)
- Yellow (74%)
- Blue (74%)



- Cyan (14%)
- Magenta (0%)
- Yellow (14%)
- Black (26%)



- Cyan (36%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9127, 46.8261, 41.5850 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 39.9127, 46.8261, 41.5850 by changing the saturation by 10% instead.

■ 39.9127, 46.8261,
41.5850

■ 39.9127, 46.8261,
41.5850

336.8962,
374.1200, 368.5085

■ 27.6544, 32.8982,
28.4533

■ 74.3157, 85.4540,
78.8344

■ 18.2044, 22.0485,
18.4257

■ 97.1912, 110.9228,
103.7893

■ 11.1974, 13.8925,
11.0834

124.3364,
141.0073, 133.5223

■ 6.2681, 8.0459,
6.0081

156.1167,
176.0920, 168.4520

■ 3.0510, 4.1244,
2.7811

192.8975,
216.5612, 208.9969

■ 1.1808, 1.7434,
0.9840

235.0441,

■ 0.0911, 0.4515,

262.7993, 255.5756

0.0000

282.9219,
315.1908, 308.6066

■ 0.0000, 0.0000,
0.0000

■ 39.9127, 46.8261,
41.5850

■ 39.9127, 46.8261,
41.5850

■ 34.7595, 44.3521,
33.1550

■ 45.9000, 49.7035,
51.3772

■ 30.3998, 42.2579,
26.0239

■ 52.7520, 52.9948,
62.5848

■ 26.7953, 40.5265,
20.1280

■ 60.5025, 56.7178,
75.2620

■ 23.9031, 39.1373,
15.3974

■ 69.1824, 60.8872,
89.4594

■ 21.6761, 38.0675,
11.7546

■ 77.4885, 64.8771,
103.0462

■ 20.0614, 37.2919,
9.1134

■ 18.9979, 36.7811,
7.3739

■ 18.4125, 36.4998,
6.4162

■ 18.1986, 36.3971,
6.0663

Harmonies

Analogous

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



42.1786, 46.8261, 36.9880



39.9127, 46.8261, 41.5850



38.8839, 46.8261, 49.1275

Triad

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



39.9127, 46.8261, 41.5850



43.8532, 46.8261, 69.7399



50.1485, 46.8261, 44.4948

Complementary

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



39.9127, 46.8261, 41.5850



43.2704, 40.6884, 53.7194

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.



50.6472, 46.8261, 52.8901



39.9127, 46.8261, 41.5850



46.9192, 46.8261, 68.1325

Square

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



39.9127, 46.8261, 41.5850



41.0904, 46.8261, 65.8755



49.4406, 46.8261, 61.7059



48.1075, 46.8261, 38.5277

Rectangle

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



39.9127, 46.8261, 41.5850



39.0027, 46.8261, 55.0803



49.4406, 46.8261, 61.7059



50.5058, 46.8261, 47.0991

Sweetspot

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



39.9140, 46.8281, 41.5860



81.8521, 88.8460, 91.4384



45.7968, 49.8608, 41.8611



17.4172, 19.0172, 19.3613



90.7827, 95.5105, 104.0109



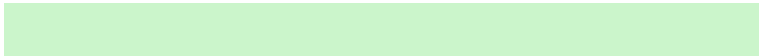
18.6292, 19.5994, 21.3438

Same Dimension

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



39.9140, 46.8281, 41.5860



68.0722, 82.2268, 68.8990



41.1397, 47.3184, 48.0407



9.4088, 10.6496, 10.1364



12.2439, 24.4879, 4.0814



0.4796, 0.9592, 0.1599

Inverse Universe

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



43.2704, 40.6884, 53.7194



75.4367, 68.7557, 95.5209



41.9214, 40.1488, 46.6157



9.9300, 9.6963, 12.0204



20.3002, 9.7512, 33.2039



0.7952, 0.3820, 1.3006

Previews

White Background



This preview shows how the XYZ color 39.9127, 46.8261, 41.5850 looks on a white background.

Color Contrast Check

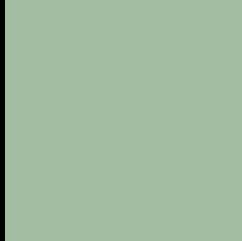
Large Text (above 18pt) WCAG AA × Fail

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 39.9127, 46.8261, 41.5850 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

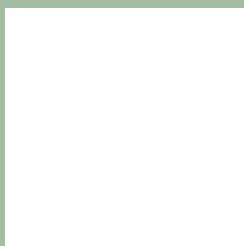
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9127, 46.8261, 41.5850

Background



This preview shows how black text looks on a background with the XYZ color 39.9127, 46.8261, 41.5850.



This preview shows how white text looks on a background with the XYZ color 39.9127, 46.8261,

41.5850.

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

39.9127, 46.8261, 41.5850

Protanopia

44.0171, 46.4981, 39.4560

Deuteranopia

47.3897, 46.3923, 42.5333



Tritanopia

43.8115, 46.8395, 60.7646

Trichromacy



Original Color

39.9127, 46.8261, 41.5850

Protanomaly

42.3080, 46.5223, 40.0075

Deuteranomaly

44.3480, 46.3063, 42.1979

Tritanomaly

42.3582, 46.8785, 53.2703

Monochromacy



Original Color

39.9127, 46.8261, 41.5850

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.5044, 45.3573, 46.1025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9127, 46.8261, 41.5850 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, 189, 163)` looks like.

```
.text, #text, p{  
    color:rgb(163, 189, 163)  
}
```

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, 189, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 189, 163) }
```

Border

The CSS property to change the border of an element to XYZ 39.9127, 46.8261, 41.5850 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, 189, 163) }
```


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

```
.border{ border-color:rgb(163, 189, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 189, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 189, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 189, 163);  
box-shadow:4px 4px 4px 4px rgb(163, 189,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9127, 46.8261, 41.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 189, 163) }
```

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

```
.background{ background-color: rgb(163,  
189, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor