

Converting Colors

XYZ(39.8548, 46.2145, 42.6324)

Have a look what the booklet for
XYZ(39.8548, 46.2145, 42.6324)
contains.

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Color

**XYZ(39.6661, 46.0438,
42.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	A3BBA5
RGB	163, 187, 165
RGB Percent	64%, 73%, 65%
CMY	0.3608, 0.2666, 0.3529
CMYK	0.13, 0.00, 0.12, 0.27
HSL	125°, 15%, 69%
HSV	125°, 13%, 73%
XYZ	39.6661, 46.0438, 42.3940
YIQ	177.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

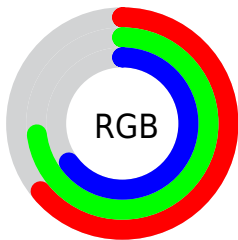
Format	Color
RYB	163, 185, 187
Decimal	10730405
CIELab	73.57, -12.45, 8.40
CIElCh	74, 15.013, 145.997
Yxy	46.0438, 0.3096, 0.3594
Android (android.graphics.Color)	4288920485 (0xFFFA3BBA5)
YUV	177.3160, -6.0718, -12.5551
Hunter-Lab	67.8556, -14.4021, 10.4564

Details

The XYZ color **39.6661, 46.0438, 42.3940** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.3493, 40.2630, 51.4406**, and the grayscale version is **41.9908, 44.1776, 48.1094**.

A 20% lighter version of the original color is **73.8823, 84.1739, 80.0633**, and **18.0613, 21.6220, 18.8443** is the 20% darker color. If you saturate the color by 10%, you get **34.6596, 43.6325, 34.5538**, and if you desaturate by 10%, it is **45.4505, 48.8346, 51.3642**.

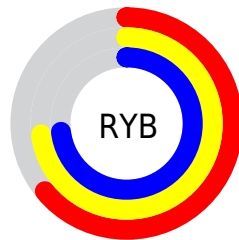
Distribution



Red (64%)

Green (73%)

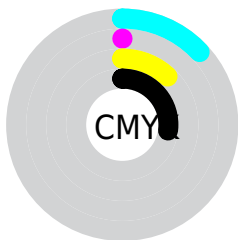
Blue (65%)



Red (64%)

Yellow (73%)

Blue (73%)

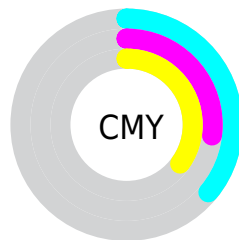


Cyan (13%)

Magenta (0%)

Yellow (12%)

Black (27%)



Cyan (36%)

Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6661, 46.0438, 42.3940 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 39.6661, 46.0438, 42.3940 by changing the saturation by 10% instead.

■ 39.6661, 46.0438,
42.3940

■ 39.6661, 46.0438,
42.3940

335.8728,
370.9847, 371.9614

■ 27.4614, 32.2804,
29.0821

■ 73.9424, 84.2845,
80.0721

■ 18.0584, 21.5758,
18.8968

■ 96.7446, 109.5307,
105.2753

■ 11.0919, 13.5455,
11.4197

123.8101,
139.3731, 135.2794

■ 6.1964, 7.8052,
6.2321

155.5041,
174.1964, 170.5029

■ 3.0067, 3.9706,
2.9157

192.1920,
214.3848, 211.3643

■ 1.1573, 1.6571,
1.0517

234.2392,

■ 0.0722, 0.3957,

260.3227, 258.2821

0.0000

282.0110,
312.3945, 311.6750

■ 0.0000, 0.0000,
0.0000

■ 39.6661, 46.0438,
42.3940

■ 39.6661, 46.0438,
42.3940

■ 34.6596, 43.6325,
34.5538

■ 45.4505, 48.8346,
51.3642

■ 30.3942, 41.5788,
27.7960

■ 52.0401, 52.0140,
61.5036

■ 26.8357, 39.8673,
22.0739

■ 59.4655, 55.5984,
72.8532

■ 23.9460, 38.4794,
17.3364

■ 67.7544, 59.6013,
85.4511

■ 21.6829, 37.3948,
13.5280

■ 76.3783, 63.7493,
99.3077

■ 19.9999, 36.5905,
10.5875

■ 77.0612, 64.0225,
102.9037

■ 18.8437, 36.0406,
8.4467

■ 18.1511, 35.7143,
7.0271

■ 17.8617, 35.5786,
6.4000

Harmonies

Analogous

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



41.5635, 46.0438, 38.1075



39.6661, 46.0438, 42.3940



38.8657, 46.0438, 49.1201

Triad

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



39.6661, 46.0438, 42.3940



43.4078, 46.0438, 66.1787



48.5140, 46.0438, 43.9946

Complementary

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



39.6661, 46.0438, 42.3940



42.3493, 40.2630, 51.4406

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.



49.0559, 46.0438, 51.1615



39.6661, 46.0438, 42.3940



46.0393, 46.0438, 64.4566

Square

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



39.6661, 46.0438, 42.3940



40.9700, 46.0438, 63.2573



48.1332, 46.0438, 58.7627



46.6807, 46.0438, 38.9639

Rectangle

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



39.6661, 46.0438, 42.3940



39.0370, 46.0438, 54.2719



48.1332, 46.0438, 58.7627



48.8563, 46.0438, 46.2117

Sweetspot

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



39.6674, 46.0458, 42.3950



80.0479, 86.8071, 89.9028



44.3907, 48.5016, 41.6729



17.4470, 19.0291, 19.5184



90.7827, 95.5105, 104.0109



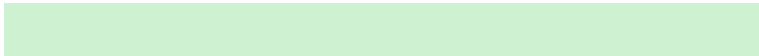
18.6292, 19.5994, 21.3438

Same Dimension

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



39.6674, 46.0458, 42.3950



68.7572, 81.3630, 72.3639



40.8118, 46.5035, 48.4216



9.4402, 10.6622, 10.3016



12.3177, 24.5174, 4.4698



0.4936, 0.9648, 0.2334

Inverse Universe

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



42.3493, 40.2630, 51.4406



74.3668, 69.2671, 91.2836



41.1350, 39.7773, 45.0461



9.8947, 9.6822, 11.8347



19.2252, 9.3212, 27.5434



0.7633, 0.3692, 1.1328

Previews

White Background



This preview shows how the XYZ color 39.6661, 46.0438, 42.3940 looks on a white background.

Color Contrast Check

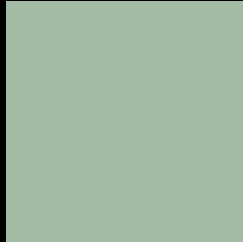
Large Text (above 18pt) WCAG AA × Fail

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 39.6661, 46.0438, 42.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

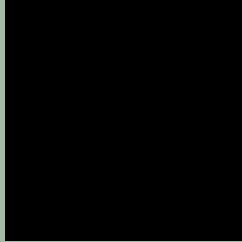
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.6661, 46.0438, 42.3940

Background



This preview shows how black text looks on a background with the XYZ color 39.6661, 46.0438, 42.3940.



This preview shows how white text looks on a background with the XYZ color 39.6661, 46.0438,

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

39.6661, 46.0438, 42.3940

Protanopia

43.4933, 45.9071, 40.2868

Deuteranopia

46.8325, 45.7958, 43.4169



Tritanopia

42.9544, 45.8119, 59.4020

Trichromacy



Original Color

39.6661, 46.0438, 42.3940

Protanomaly

42.0455, 46.0593, 40.8567

Deuteranomaly

43.8342, 45.7216, 43.0741

Tritanomaly

41.6233, 45.8908, 52.5630

Monochromacy



Original Color

39.6661, 46.0438, 42.3940

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.0800, 44.8355, 46.0241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6661, 46.0438, 42.3940 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, 187, 165)` looks like.

```
.text, #text, p{  
    color:rgb(163, 187, 165)  
}
```

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, 187, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 187, 165) }
```

Border

The CSS property to change the border of an element to XYZ 39.6661, 46.0438, 42.3940 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, 187, 165) }
```


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

```
.border{ border-color:rgb(163, 187, 165) }
```

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

Here you see how a box with a 4 pixel rgb(163, 187, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 187, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 187, 165);  
box-shadow:4px 4px 4px 4px rgb(163, 187,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6661, 46.0438, 42.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 187, 165) }
```

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

```
.background{ background-color: rgb(163,  
187, 165) }
```

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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