

Converting Colors

XYZ(39.6636, 41.4737, 43.9449)

Have a look what the booklet for
XYZ(39.6636, 41.4737, 43.9449)
contains.

XYZ(39.6874, 41.5213, 43.9529)	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(39.6874, 41.5213,
43.9529)**

Conversions

Conversions Part 1

Format	Color
Hex	AFACAA
RGB	175, 172, 170
RGB Percent	69%, 67%, 67%
CMY	0.3137, 0.3255, 0.3333
CMYK	0.00, 0.02, 0.03, 0.31
HSL	24°, 3%, 68%
HSV	24°, 3%, 69%
XYZ	39.6874, 41.5213, 43.9529
YIQ	172.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

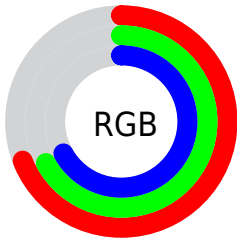
Format	Color
RYB	175, 173, 170
Decimal	11513002
CIELab	70.54, 0.70, 1.40
CIELCh	71, 1.561, 63.356
Yxy	41.5213, 0.3171, 0.3317
Android (android.graphics.Color)	4289703082 (0xFFAFACAA)
YUV	172.6690, -1.3158, 2.0443
Hunter-Lab	64.4370, -2.8249, 4.6638

Details

The XYZ color **39.6874, 41.5213, 43.9529** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2589, 41.5277, 46.5044**, and the grayscale version is **39.5586, 41.6187, 45.3228**.

A 20% lighter version of the original color is **74.0147, 77.3633, 82.2658**, and **18.1549, 18.9519, 19.8408** is the 20% darker color. If you saturate the color by 10%, you get **36.2232, 37.0678, 35.1671**, and if you desaturate by 10%, it is **43.5319, 46.3817, 53.9538**.

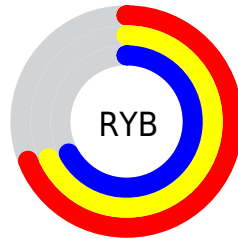
Distribution



Red (69%)

Green (67%)

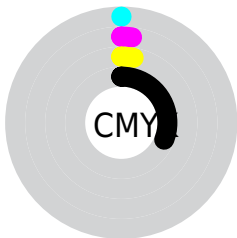
Blue (67%)



Red (69%)

Yellow (68%)

Blue (67%)

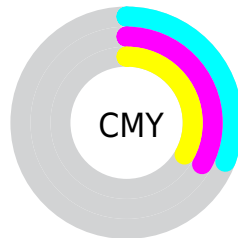


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6874, 41.5213, 43.9529 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 39.6874, 41.5213, 43.9529 by changing the saturation by 10% instead.

■ 39.6874, 41.5213,
43.9529

■ 39.6874, 41.5213,
43.9529

335.9613,
352.4947, 378.5518

■ 27.4780, 28.7266,
30.2966

■ 73.9746, 77.4746,
82.4486

■ 18.0710, 18.8741,
19.8098

96.7832, 101.4021,
108.1250

■ 11.1010, 11.5794,
12.0742

123.8555,
129.8092, 138.6452

■ 6.2026, 6.4579,
6.6711

155.5570,
163.0805, 174.4277

■ 3.0105, 3.1255,
3.1819

192.2530,
201.6003, 215.8911

■ 1.1593, 1.1976,
1.1883

234.3088,

■ 0.0739, 0.0597,

245.7530, 263.4539

0.0000

282.0898,
295.9230, 317.5346

■ 0.0000, 0.0000,
0.0000

■ 39.6874, 41.5213,
43.9529

■ 39.6874, 41.5213,
43.9529

■ 36.2232, 37.0678,
35.1671

■ 43.5319, 46.3817,
53.9538

■ 33.1236, 33.0052,
27.5469

■ 47.7650, 51.6538,
65.2112

■ 30.3767, 29.3240,
21.0436

■ 52.3988, 57.3495,
77.7681

■ 27.9689, 26.0125,
15.6036

■ 57.4441, 63.4781,
91.6642

■ 25.8852, 23.0584,
11.1693

■ 62.5057, 69.8866,
104.8028

■ 24.1098, 20.4483,
7.6773

■ 65.4197, 75.7147,
105.7741

■ 22.6251, 18.1682,
5.0569

■ 68.5108, 81.8968,
106.8045

■ 21.4112, 16.2027,
3.2273

■ 71.4894, 87.8541,
107.7974

■ 20.4453, 14.5347,
2.0920

Harmonies

Analogous

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



39.8801, 41.5213, 44.4337



39.6874, 41.5213, 43.9529



39.4357, 41.5213, 43.8075

Triad

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



39.6874, 41.5213, 43.9529



38.9721, 41.5213, 45.2928



39.7379, 41.5213, 46.4055

Complementary

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



39.6874, 41.5213, 43.9529



39.2589, 41.5277, 46.5044

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.



39.4938, 41.5213, 46.6413



39.6874, 41.5213, 43.9529



39.0523, 41.5213, 45.9945

Square

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



39.6874, 41.5213, 43.9529



39.0235, 41.5213, 44.5762



39.2429, 41.5213, 46.4901



39.9094, 41.5213, 45.8491

Rectangle

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



39.6874, 41.5213, 43.9529



39.2686, 41.5213, 43.9191



39.2429, 41.5213, 46.4901



39.6615, 41.5213, 46.5252

Sweetspot

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



39.6886, 41.5231, 43.9538



72.2948, 75.9114, 81.8479



39.5973, 40.8812, 45.3395



16.0764, 16.8825, 18.2125



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.6886, 41.5231, 43.9538



70.9526, 74.2031, 78.3915



40.1682, 42.4824, 44.1137



8.6916, 9.0775, 9.5247



14.2911, 9.7876, 1.1360



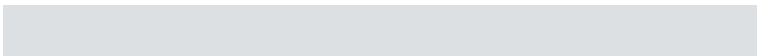
0.4520, 0.3812, 0.0498

Inverse Universe

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



39.2589, 41.5277, 46.5044



70.1317, 74.2119, 83.2649



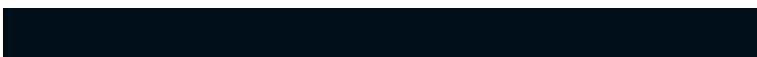
38.7847, 40.5791, 46.3463



8.5689, 9.0788, 10.2535



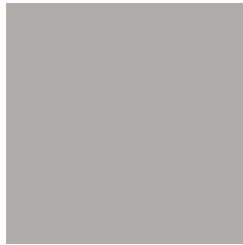
9.2121, 9.5581, 30.4039



0.3079, 0.3692, 0.8630

Previews

White Background



This preview shows how the XYZ color 39.6874, 41.5213, 43.9529 looks on a white background.

Color Contrast Check

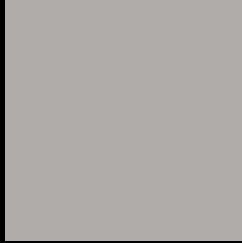
Large Text (above 18pt) WCAG AA × Fail

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 39.6874, 41.5213, 43.9529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

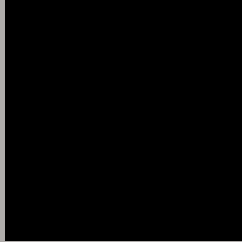
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

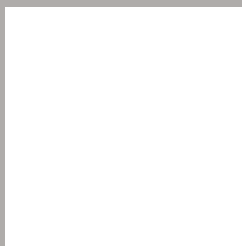
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6874, 41.5213, 43.9529

Background



This preview shows how black text looks on a background with the XYZ color 39.6874, 41.5213, 43.9529.

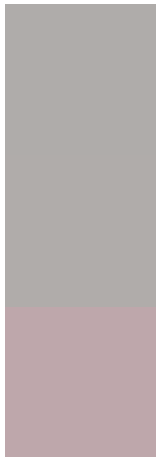


This preview shows how white text looks on a background with the XYZ color 39.6874, 41.5213,

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

39.6874, 41.5213, 43.9529

Protanopia

39.9127, 41.6374, 43.9634

Deuteranopia

42.4046, 41.5249, 44.3082



Tritanopia

41.0534, 41.5155, 50.6493

Trichromacy



Original Color

39.6874, 41.5213, 43.9529

Protanomaly

39.9127, 41.6374, 43.9634

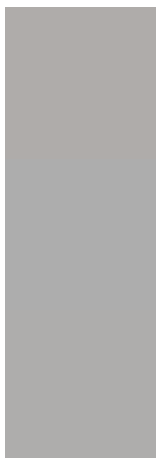
Deuteranomaly

41.5462, 41.6305, 44.3738

Tritanomaly

40.5033, 41.5703, 48.0086

Monochromacy



Original Color

39.6874, 41.5213, 43.9529

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.8455, 41.8644, 45.0103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6874, 41.5213, 43.9529 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(175, 172, 170)` looks like.

```
.text, #text, p{  
    color:rgb(175, 172, 170)  
}
```

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(175, 172, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 172, 170) }
```

Border

The CSS property to change the border of an element to XYZ 39.6874, 41.5213, 43.9529 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(175, 172, 170) }
```


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

```
.border{ border-color:rgb(175, 172, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 172, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 172, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 172, 170);  
box-shadow:4px 4px 4px 4px rgb(175, 172,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6874, 41.5213, 43.9529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 172, 170) }
```

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

```
.background{ background-color: rgb(175,  
172, 170) }
```

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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