

Converting Colors

XYZ(41.5468, 42.0140, 39.6380)

Have a look what the booklet for
XYZ(41.5468, 42.0140, 39.6380)
contains.

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Color

**XYZ(41.5468, 42.0140,
39.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAAA1
RGB	188, 170, 161
RGB Percent	74%, 67%, 63%
CMY	0.2627, 0.3333, 0.3686
CMYK	0.00, 0.10, 0.14, 0.26
HSL	20°, 17%, 68%
HSV	20°, 14%, 74%
XYZ	41.5468, 42.0140, 39.6380
YIQ	174.3560, 13.6170, 1.0170

Conversions

Conversions Part 2

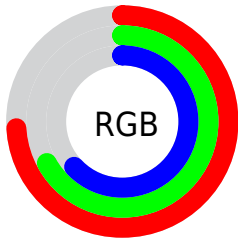
Format	Color
RYB	188, 175, 161
Decimal	12364449
CIELab	70.88, 4.98, 6.99
CIELCh	71, 8.580, 54.534
Yxy	42.0140, 0.3372, 0.3410
Android (android.graphics.Color)	4290554529 (0xFFBCAAA1)
YUV	174.3560, -6.5845, 11.9658
Hunter-Lab	64.8182, 0.9820, 9.1154

Details

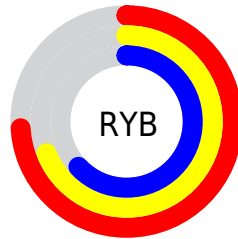
The XYZ color **41.5468, 42.0140, 39.6380** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8950, 43.4473, 53.8609**, and the grayscale version is **40.4440, 42.5503, 46.3372**.

A 20% lighter version of the original color is **76.6281, 78.0414, 75.9905**, and **19.2846, 19.2336, 17.4479** is the 20% darker color. If you saturate the color by 10%, you get **37.7741, 36.9250, 30.8068**, and if you desaturate by 10%, it is **45.7951, 47.6544, 49.8586**.

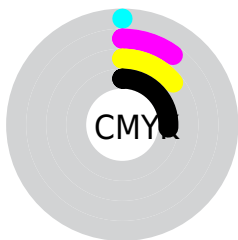
Distribution



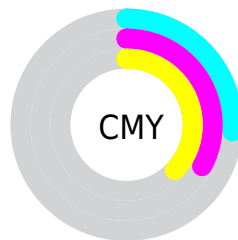
- Red (74%)
- Green (67%)
- Blue (63%)



- Red (74%)
- Yellow (69%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (26%)





- Cyan (26%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5468, 42.0140, 39.6380 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 41.5468, 42.0140, 39.6380 by changing the saturation by 10% instead.


 41.5468, 42.0140,
39.6380


 41.5468, 42.0140,
39.6380


343.6245,
354.5410, 360.1021

 28.9361, 29.1123,
26.9448


 76.7827, 78.2208,
75.8430

 19.1766, 19.1658,
17.2997


 100.1387,
102.2947, 100.1919

 11.9027, 11.7901,
10.2842

127.8072,
130.8614, 129.2630

 6.7492, 6.6009,
5.4797

160.1536,
164.3053, 163.4750

 3.3507, 3.2138,
2.4678

197.5431,
203.0108, 203.2463

 1.3418, 1.2443,
0.8230

240.3412,

 0.2142, 0.0975,

247.3623, 248.9956

0.0000

288.9132,
297.7442, 301.1413

■ 0.0000, 0.0000,
0.0000

■ 41.5468, 42.0140,
39.6380

■ 41.5468, 42.0140,
39.6380

■ 37.7741, 36.9250,
30.8068

■ 45.7951, 47.6544,
49.8586

■ 34.4562, 32.3648,
23.3018

■ 50.5319, 53.8566,
61.5226

■ 31.5757, 28.3175,
17.0590

■ 55.7738, 60.6380,
74.6845

■ 29.1130, 24.7643,
12.0077

■ 61.5359, 68.0133,
89.3952

■ 27.0466, 21.6851,
8.0705

■ 67.8319, 75.9968,
105.7015

■ 25.3527, 19.0582,
5.1605

■ 71.4994, 83.3318,
106.9240

■ 24.0050, 16.8602,
3.1777

■ 74.5492, 89.4315,
107.9406

■ 22.9723, 15.0646,
2.0016

■ 22.4996, 14.2123,
1.5574

Harmonies

Analogous

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



42.4823, 42.0140, 42.5591



41.5468, 42.0140, 39.6380



40.1950, 42.0140, 38.3590

Triad

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



41.5468, 42.0140, 39.6380



37.2627, 42.0140, 45.0015



41.0836, 42.0140, 53.2760

Complementary

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



41.5468, 42.0140, 39.6380



39.8950, 43.4473, 53.8609

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.



39.6722, 42.0140, 54.0255



41.5468, 42.0140, 39.6380



37.4879, 42.0140, 49.0884

Square

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



41.5468, 42.0140, 39.6380



37.7391, 42.0140, 41.3352



38.3616, 42.0140, 52.4515



42.2105, 42.0140, 50.4601

Rectangle

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



41.5468, 42.0140, 39.6380



39.2482, 42.0140, 38.5512



38.3616, 42.0140, 52.4515



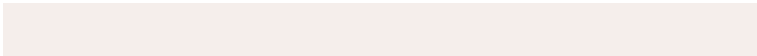
40.6258, 42.0140, 53.7847

Sweetspot

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



41.5479, 42.0159, 39.6389



83.2371, 86.6834, 90.9478



41.6211, 39.4364, 48.0667



17.7678, 18.4669, 19.2365



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.



41.5479, 42.0159, 39.6389



73.2165, 73.3543, 66.9148



44.2094, 47.3387, 40.5260



9.7831, 10.0423, 9.9994



15.3806, 9.8000, 1.0809



0.6639, 0.5066, 0.0628

Inverse Universe

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



39.8950, 43.4473, 53.8609



69.6840, 76.4114, 97.3023



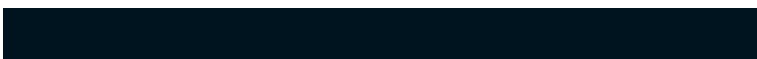
37.3211, 38.2995, 53.0029



9.5333, 10.2588, 12.1499



11.2706, 12.6529, 34.2411



0.4993, 0.6112, 1.3605

Previews

White Background



This preview shows how the XYZ color 41.5468, 42.0140, 39.6380 looks on a white background.

Color Contrast Check

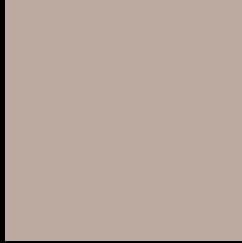
Large Text (above 18pt) WCAG AA × Fail

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 41.5468, 42.0140, 39.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

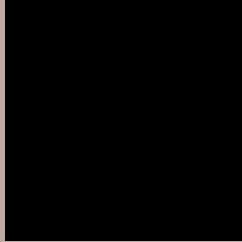
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5468, 42.0140, 39.6380

Background



This preview shows how black text looks on a background with the XYZ color 41.5468, 42.0140, 39.6380.



This preview shows how white text looks on a background with the XYZ color 41.5468, 42.0140,

39.6380.

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

41.5468, 42.0140, 39.6380

Protanopia

40.1448, 42.1152, 40.6635

Deuteranopia

42.7574, 41.8127, 39.5353



Tritanopia

43.5428, 42.0091, 48.9936

Trichromacy



Original Color

41.5468, 42.0140, 39.6380

Protanomaly

40.5655, 42.0588, 40.1625

Deuteranomaly

42.1739, 41.7849, 39.5607

Tritanomaly

42.7807, 41.9695, 45.3813

Monochromacy



Original Color

41.5468, 42.0140, 39.6380

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.6954, 42.3354, 43.5628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5468, 42.0140, 39.6380 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(188, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(188, 170, 161)  
}
```

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(188, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 170, 161) }
```

Border

The CSS property to change the border of an element to XYZ 41.5468, 42.0140, 39.6380 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(188, 170, 161) }
```


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

```
.border{ border-color:rgb(188, 170, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 170, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(188, 170,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5468, 42.0140, 39.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 170, 161) }
```

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

```
.background{ background-color: rgb(188,  
170, 161) }
```

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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