

Converting Colors

XYZ(40.4624, 41.9800, 41.6823)

Have a look what the booklet for
XYZ(40.4624, 41.9800, 41.6823)
contains.

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Color

**XYZ(40.3664, 41.9250,
41.5621)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ACA5
RGB	180, 172, 165
RGB Percent	71%, 67%, 65%
CMY	0.2941, 0.3255, 0.3529
CMYK	0.00, 0.04, 0.08, 0.29
HSL	28°, 9%, 68%
HSV	28°, 8%, 71%
XYZ	40.3664, 41.9250, 41.5621
YIQ	173.5940, 7.0150, -0.4810

Conversions

Conversions Part 2

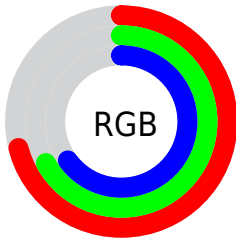
Format	Color
RYB	180, 178, 165
Decimal	11840677
CIELab	70.82, 1.61, 4.61
CIELCh	71, 4.882, 70.691
Yxy	41.9250, 0.3259, 0.3385
Android (android.graphics.Color)	4290030757 (0xFFB4ACA5)
YUV	173.5940, -4.2368, 5.6181
Hunter-Lab	64.7495, -2.0305, 7.2670

Details

The XYZ color **40.3664, 41.9250, 41.5621** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6986, 41.1808, 49.0893**, and the grayscale version is **40.0434, 42.1288, 45.8782**.

A 20% lighter version of the original color is **74.9794, 77.9383, 78.8019**, and **18.4495, 19.1372, 18.3442** is the 20% darker color. If you saturate the color by 10%, you get **37.0816, 37.7950, 32.9450**, and if you desaturate by 10%, it is **44.0161, 46.4147, 51.4395**.

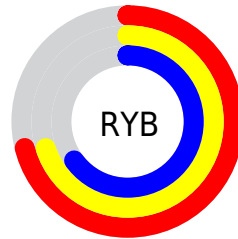
Distribution



Red (71%)

Green (67%)

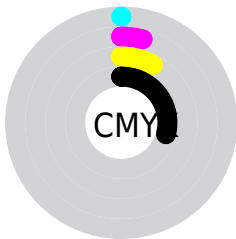
Blue (65%)



Red (71%)

Yellow (70%)

Blue (65%)

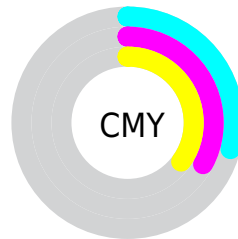


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3664, 41.9250, 41.5621 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 40.3664, 41.9250, 41.5621 by changing the saturation by 10% instead.

■ 40.3664, 41.9250,
41.5621

■ 40.3664, 41.9250,
41.5621

338.7735,
354.1719, 368.4104

■ 28.0098, 29.0426,
28.4356

■ 75.0019, 78.0861,
78.7994

■ 18.4736, 19.1130,
18.4123

■ 98.0116, 102.1336,
103.7472

■ 11.3922, 11.7520,
11.0739

125.3030,
130.6715, 133.4725

■ 6.4005, 6.5750,
6.0018

157.2415,
164.0843, 168.3938

■ 3.1331, 3.1978,
2.7774

194.1924,
202.7563, 208.9298

■ 1.2245, 1.2358,
0.9821

236.5212,

■ 0.1256, 0.0907,

247.0720, 255.4988

0.0000

284.5931,
297.4158, 308.5195

■ 0.0000, 0.0000,
0.0000

■ 40.3664, 41.9250,
41.5621

■ 40.3664, 41.9250,
41.5621

■ 37.0816, 37.7950,
32.9450

■ 44.0161, 46.4147,
51.4395

■ 34.1458, 34.0099,
25.5342

■ 48.0388, 51.2675,
62.6229

■ 31.5470, 30.5615,
19.2755

■ 52.4469, 56.4939,
75.1590

■ 29.2714, 27.4397,
14.1098

■ 57.2510, 62.1023,
89.0914

■ 27.3036, 24.6334,
9.9725

■ 62.4611, 68.1005,
104.4604

■ 25.6271, 22.1310,
6.7920

■ 65.0520, 73.2823,
105.3240

■ 24.2236, 19.9196,
4.4877

■ 67.7898, 78.7579,
106.2366

■ 23.0718, 17.9853,
2.9650

■ 70.6768, 84.5319,
107.1990

■ 22.1385, 16.3089,
2.0673

■ 72.6325, 88.4434,
107.8509

Harmonies

Analogous

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



41.0428, 41.9250, 42.7984



40.3664, 41.9250, 41.5621



39.5598, 41.9250, 41.3991

Triad

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



40.3664, 41.9250, 41.5621



38.3354, 41.9250, 46.4829



40.8740, 41.9250, 49.1205

Complementary

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



40.3664, 41.9250, 41.5621



38.6986, 41.1808, 49.0893

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.



40.1385, 41.9250, 50.1806



40.3664, 41.9250, 41.5621



38.6775, 41.9250, 48.6238

Square

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



40.3664, 41.9250, 41.5621



38.3946, 41.9250, 44.1881



39.3350, 41.9250, 49.9958



41.3386, 41.9250, 47.1422

Rectangle

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



40.3664, 41.9250, 41.5621



39.0577, 41.9250, 41.9148



39.3350, 41.9250, 49.9958



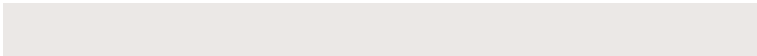
40.6498, 41.9250, 49.5991

Sweetspot

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



40.3676, 41.9268, 41.5630



77.2835, 81.0710, 86.3702



39.8208, 39.6312, 45.0864



16.7194, 17.5416, 18.7104



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



40.3676, 41.9268, 41.5630



72.0507, 74.5968, 72.3212



41.8348, 44.8612, 42.0521



8.8125, 9.1376, 8.9518



15.4181, 11.3347, 1.3752



0.5437, 0.4738, 0.0628

Inverse Universe

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



38.6986, 41.1808, 49.0893



68.4024, 72.9659, 88.7732



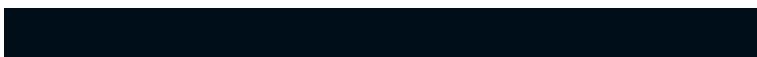
37.3013, 38.3862, 48.6236



8.4045, 8.9552, 10.7919



8.7341, 8.2686, 31.2727



0.3325, 0.3756, 1.0032

Previews

White Background



This preview shows how the XYZ color 40.3664, 41.9250, 41.5621 looks on a white background.

Color Contrast Check

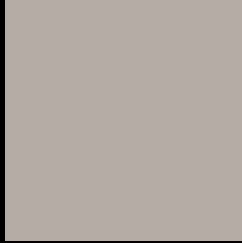
Large Text (above 18pt) WCAG AA × Fail

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 40.3664, 41.9250, 41.5621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

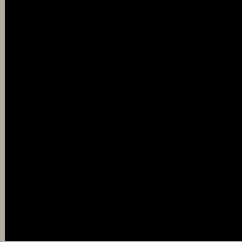
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3664, 41.9250, 41.5621

Background



This preview shows how black text looks on a background with the XYZ color 40.3664, 41.9250, 41.5621.



This preview shows how white text looks on a background with the XYZ color 40.3664, 41.9250,

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

40.3664, 41.9250, 41.5621

Protanopia

40.0952, 42.0687, 41.6041

Deuteranopia

42.6940, 41.7281, 41.8805



Tritanopia

42.2636, 41.8621, 50.6524

Trichromacy



Original Color

40.3664, 41.9250, 41.5621

Protanomaly

40.3255, 42.1875, 41.6149

Deuteranomaly

41.8099, 41.8205, 41.9449

Tritanomaly

41.5026, 41.8291, 46.9607

Monochromacy



Original Color

40.3664, 41.9250, 41.5621

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.1988, 42.0575, 44.5273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3664, 41.9250, 41.5621 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(180, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(180, 172, 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(180, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 172, 165) }
```

Border

The CSS property to change the border of an element to XYZ 40.3664, 41.9250, 41.5621 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(180, 172, 165) }
```


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

```
.border{ border-color:rgb(180, 172, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 172, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(180, 172,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3664, 41.9250, 41.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 172, 165) }
```

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

```
.background{ background-color: rgb(180,  
172, 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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