

Converting Colors

XYZ(40.5662, 40.3292, 43.1842)

Have a look what the booklet for
XYZ(40.5662, 40.3292, 43.1842)
contains.

XYZ(40.5648, 40.3274, 43.1821)	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(40.5648, 40.3274,
43.1821)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A6A9
RGB	184, 166, 169
RGB Percent	72%, 65%, 66%
CMY	0.2784, 0.3490, 0.3373
CMYK	0.00, 0.10, 0.08, 0.28
HSL	350°, 11%, 69%
HSV	350°, 10%, 72%
XYZ	40.5648, 40.3274, 43.1821
YIQ	171.7240, 9.7650, 4.7490

Conversions

Conversions Part 2

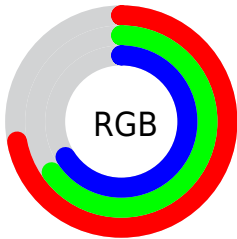
Format	Color
RYB	184, 166, 169
Decimal	12101289
CIELab	69.70, 7.04, 0.82
CIELCh	70, 7.092, 6.645
Yxy	40.3274, 0.3269, 0.3250
Android (android.graphics.Color)	4290291369 (0xFFB8A6A9)
YUV	171.7240, -1.3429, 10.7661
Hunter-Lab	63.5039, 2.8899, 4.1360

Details

The XYZ color **40.5648, 40.3274, 43.1821** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2084, 45.7251, 50.3722**, and the grayscale version is **39.0773, 41.1123, 44.7713**.

A 20% lighter version of the original color is **75.2462, 75.6200, 81.1512**, and **18.5883, 18.1443, 19.3521** is the 20% darker color. If you saturate the color by 10%, you get **36.1002, 33.5683, 35.0024**, and if you desaturate by 10%, it is **45.6792, 48.1147, 52.4126**.

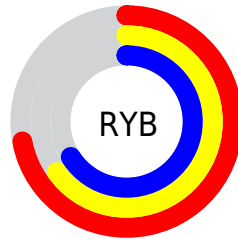
Distribution



Red (72%)

Green (65%)

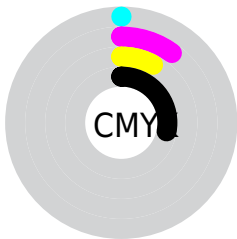
Blue (66%)



Red (72%)

Yellow (65%)

Blue (66%)

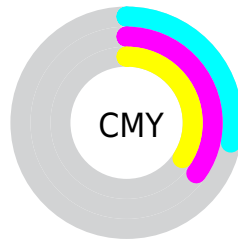


Cyan (0%)

Magenta (10%)

Yellow (8%)

Black (28%)



Cyan (28%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5648, 40.3274, 43.1821 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 40.5648, 40.3274, 43.1821 by changing the saturation by 10% instead.


 40.5648, 40.3274,
43.1821


 40.5648, 40.3274,
43.1821

339.5921,
347.5016, 375.3033

 28.1654, 27.7939,
29.6956


 75.3017, 75.6618,
81.2749

 18.5914, 18.1704,
19.3575


 98.3698, 99.2315,
106.7182

 11.4777, 11.0724,
11.7495


125.7250,
127.2487, 136.9842

 6.4587, 6.1155,
6.4529

157.7324,
160.0979, 172.4914

 3.1693, 2.9155,
3.0492

194.7574,
198.1634, 213.6584

 1.2439, 1.0878,
1.1198

237.1655,

 0.1406, 0.0000,

241.8295, 260.9037

0.0000

285.3220,
291.4808, 314.6458

■ 0.0000, 0.0000,
0.0000

■ 40.5648, 40.3274,
43.1821

■ 40.5648, 40.3274,
43.1821

■ 36.1002, 33.5683,
35.0024

■ 45.6792, 48.1147,
52.4126

■ 32.2558, 27.7894,
27.8336

■ 51.4644, 56.9650,
62.7267

■ 29.0051, 22.9466,
21.6368

■ 57.9449, 66.9184,
74.1592

■ 26.3181, 18.9904,
16.3700

■ 65.1428, 78.0109,
86.7422

■ 24.1622, 15.8669,
11.9879

■ 72.1132, 88.3448,
100.1848

■ 22.5014, 13.5162,
8.4411

■ 73.5773, 88.9304,
107.8951

■ 21.2951, 11.8703,
5.6757

■ 20.4962, 10.8493,
3.6309

■ 20.0187, 10.2980,
2.2272

Harmonies

Analogous

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



40.3926, 40.3274, 46.4640



40.5648, 40.3274, 43.1821



40.1286, 40.3274, 40.2432

Triad

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



40.5648, 40.3274, 43.1821



37.0274, 40.3274, 39.0298



37.4615, 40.3274, 49.9735

Complementary

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



40.5648, 40.3274, 43.1821



41.2084, 45.7251, 50.3722

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.



36.5859, 40.3274, 47.7923



40.5648, 40.3274, 43.1821



36.3388, 40.3274, 41.4508

Square

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



40.5648, 40.3274, 43.1821



38.0751, 40.3274, 37.9245



36.1788, 40.3274, 44.6454



38.5860, 40.3274, 50.4937

Rectangle

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



40.5648, 40.3274, 43.1821



39.5566, 40.3274, 38.8376



36.1788, 40.3274, 44.6454



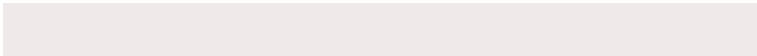
37.1290, 40.3274, 49.4051

Sweetspot

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



40.5659, 40.3292, 43.1830



79.6426, 82.3967, 89.3275



41.3452, 40.5588, 50.9973



17.0060, 17.5142, 18.9628



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.5659, 40.3292, 43.1830



71.4710, 69.9732, 74.5191



41.4038, 42.4501, 42.0901



9.0640, 9.0360, 9.6844



13.8087, 7.0972, 1.6136



0.5058, 0.2578, 0.1572

Inverse Universe

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



40.5659, 40.3292, 43.1830



71.4710, 69.9732, 74.5191



40.2995, 43.4098, 51.6027



9.0640, 9.0360, 9.6844



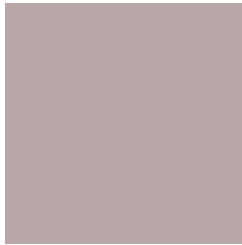
13.8087, 7.0972, 1.6136



0.5058, 0.2578, 0.1572

Previews

White Background



This preview shows how the XYZ color 40.5648, 40.3274, 43.1821 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 40.5648, 40.3274, 43.1821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

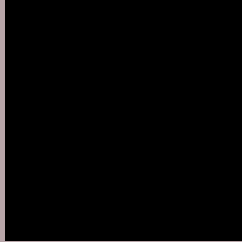
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5648, 40.3274, 43.1821

Background



This preview shows how black text looks on a background with the XYZ color 40.5648, 40.3274, 43.1821.



This preview shows how white text looks on a background with the XYZ color 40.5648, 40.3274,

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

40.5648, 40.3274, 43.1821

Protanopia

38.9590, 40.5740, 44.3063

Deuteranopia

41.1101, 40.3396, 43.1557



Tritanopia

41.4986, 40.4389, 47.7378

Trichromacy



Original Color

40.5648, 40.3274, 43.1821

Protanomaly

39.5751, 40.6253, 43.7858

Deuteranomaly

40.8663, 40.2139, 43.1443

Tritanomaly

41.2006, 40.3197, 46.1684

Monochromacy



Original Color

40.5648, 40.3274, 43.1821

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6299, 40.9198, 44.3377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5648, 40.3274, 43.1821 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(184, 166, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 166, 169)  
}
```

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(184, 166, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 166, 169) }
```

Border

The CSS property to change the border of an element to XYZ 40.5648, 40.3274, 43.1821 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(184, 166, 169) }
```


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

```
.border{ border-color:rgb(184, 166, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 166, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 166, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 166, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 166,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5648, 40.3274, 43.1821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 166, 169) }
```

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

```
.background{ background-color: rgb(184,  
166, 169) }
```

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