

Converting Colors

XYZ(41.3164, 41.5013, 43.5523)

Have a look what the booklet for
XYZ(41.3164, 41.5013, 43.5523)
contains.

XYZ(41.3570, 41.5548, 43.3772)	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(41.3570, 41.5548,
43.3772)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A9A9
RGB	185, 169, 169
RGB Percent	73%, 66%, 66%
CMY	0.2745, 0.3372, 0.3373
CMYK	0.00, 0.09, 0.09, 0.27
HSL	0°, 10%, 69%
HSV	0°, 9%, 73%
XYZ	41.3570, 41.5548, 43.3772
YIQ	173.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

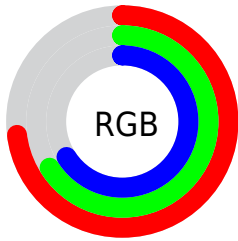
Format	Color
RYB	185, 169, 169
Decimal	12167593
CIELab	70.56, 5.77, 2.08
CIElCh	71, 6.133, 19.862
Yxy	41.5548, 0.3275, 0.3290
Android (android.graphics.Color)	4290357673 (0xFFB9A9A9)
YUV	173.7840, -2.3585, 9.8364
Hunter-Lab	64.4630, 1.7085, 5.2278

Details

The XYZ color **41.3570, 41.5548, 43.3772** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.4680, 46.6349, 52.6626**, and the grayscale version is **40.1305, 42.2204, 45.9781**.

A 20% lighter version of the original color is **76.3858, 77.3939, 81.4336**, and **19.0879, 18.9125, 19.4741** is the 20% darker color. If you saturate the color by 10%, you get **36.5409, 34.5079, 33.8009**, and if you desaturate by 10%, it is **46.9080, 49.6772, 54.4119**.

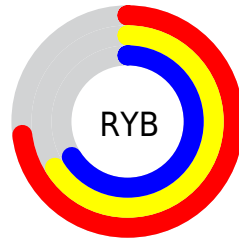
Distribution



Red (73%)

Green (66%)

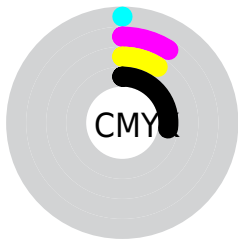
Blue (66%)



Red (73%)

Yellow (66%)

Blue (66%)

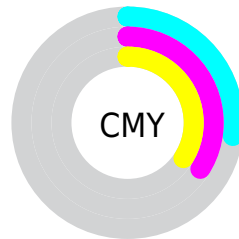


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3570, 41.5548, 43.3772 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 41.3570, 41.5548, 43.3772 by changing the saturation by 10% instead.

■ 41.3570, 41.5548,
43.3772

■ 41.3570, 41.5548,
43.3772

342.8476,
352.6341, 376.1274

■ 28.7870, 28.7529,
29.8476

■ 76.4968, 77.5254,
81.5722

■ 19.0633, 18.8939,
19.4719

■ 99.7974, 101.4628,
107.0747

■ 11.8203, 11.5937,
11.8315

127.4056,
129.8809, 137.4052

■ 6.6927, 6.4676,
6.5079

159.6867,
163.1639, 172.9823

■ 3.3153, 3.1315,
3.0826

197.0061,
201.6964, 214.2246

■ 1.3226, 1.2007,
1.1369

239.7291,

■ 0.2001, 0.0623,

245.8626, 261.5505

0.0000

288.2212,
296.0470, 315.3786

■ 0.0000, 0.0000,
0.0000

■ 41.3570, 41.5548,
43.3772

■ 41.3570, 41.5548,
43.3772

■ 36.5409, 34.5079,
33.8009

■ 46.9080, 49.6772,
54.4119

■ 32.4256, 28.4862,
25.6195

■ 53.2191, 58.9118,
66.9595

■ 28.9796, 23.4437,
18.7687

■ 60.3189, 69.3003,
81.0752

■ 26.1674, 19.3286,
13.1783

■ 68.2331, 80.8804,
96.8104

■ 23.9505, 16.0845,
8.7714

■ 73.8178, 89.0544,
107.9064

■ 22.2860, 13.6488,
5.4629

■ 21.1255, 11.9504,
3.1564

■ 20.4120, 10.9062,
1.7388

■ 20.0491, 10.3750,
1.0177

Harmonies

Analogous

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



41.4452, 41.5548, 46.2352



41.3570, 41.5548, 43.3772



40.7656, 41.5548, 41.1141

Triad

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



41.3570, 41.5548, 43.3772



38.0261, 41.5548, 41.7445



39.1547, 41.5548, 50.9625

Complementary

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



41.3570, 41.5548, 43.3772



42.4680, 46.6349, 52.6626

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.



38.2542, 41.5548, 49.6461



41.3570, 41.5548, 43.3772



37.6101, 41.5548, 44.2713

Square

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



41.3570, 41.5548, 43.3772



38.8385, 41.5548, 40.1997



37.6928, 41.5548, 47.1680



40.1621, 41.5548, 50.6981

Rectangle

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



41.3570, 41.5548, 43.3772



40.1710, 41.5548, 40.2083



37.6928, 41.5548, 47.1680



38.8298, 41.5548, 50.6881

Sweetspot

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



41.3582, 41.5566, 43.3781



79.4719, 82.3290, 88.4260



42.9531, 42.1936, 51.7798



16.9599, 17.4959, 18.7197



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.



41.3582, 41.5566, 43.3781



72.6812, 72.3928, 74.9254



42.8917, 44.6237, 43.8893



9.0048, 9.0125, 9.3719



13.6237, 7.0238, 0.6377



0.4803, 0.2477, 0.0225

Inverse Universe

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



42.4680, 46.6349, 52.6626



74.9932, 82.9720, 94.2672



40.8418, 43.3827, 52.1206



9.2665, 10.2103, 11.5618



17.7703, 26.0004, 35.3351



0.6265, 0.9167, 1.2457

Previews

White Background



This preview shows how the XYZ color 41.3570, 41.5548, 43.3772 looks on a white background.

Color Contrast Check

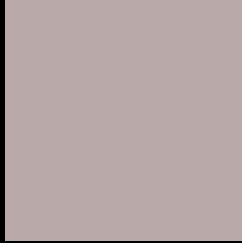
Large Text (above 18pt) WCAG AA × Fail

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 41.3570, 41.5548, 43.3772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

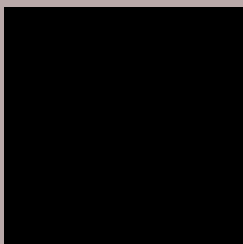
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

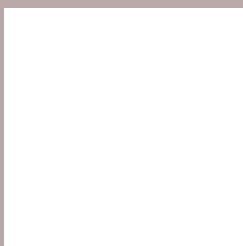
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.3570, 41.5548, 43.3772

Background



This preview shows how black text looks on a background with the XYZ color 41.3570, 41.5548, 43.3772.



This preview shows how white text looks on a background with the XYZ color 41.3570, 41.5548,

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

41.3570, 41.5548, 43.3772

Protanopia

40.0077, 41.6754, 44.4636

Deuteranopia

42.2154, 41.4492, 43.3116



Tritanopia

42.5505, 41.4975, 48.9472

Trichromacy



Original Color

41.3570, 41.5548, 43.3772

Protanomaly

40.4090, 41.6118, 43.9323

Deuteranomaly

41.9031, 41.5612, 43.3497

Tritanomaly

42.0888, 41.5790, 46.8815

Monochromacy



Original Color

41.3570, 41.5548, 43.3772

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.5590, 41.9486, 44.9889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3570, 41.5548, 43.3772 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(185, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 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(185, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.3570, 41.5548, 43.3772 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(185, 169, 169) }
```


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

```
.border{ border-color:rgb(185, 169, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 169);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3570, 41.5548, 43.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 169) }
```

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

```
.background{ background-color: rgb(185,  
169, 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