

Converting Colors

XYZ(40.5571, 43.9240, 34.3576)

Have a look what the booklet for
XYZ(40.5571, 43.9240, 34.3576)
contains.

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Color

**XYZ(40.5571, 43.9240,
34.3576)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B294
RGB	182, 178, 148
RGB Percent	71%, 70%, 58%
CMY	0.2863, 0.3019, 0.4196
CMYK	0.00, 0.02, 0.19, 0.29
HSL	53°, 19%, 65%
HSV	53°, 19%, 71%
XYZ	40.5571, 43.9240, 34.3576
YIQ	175.7760, 12.0140, -8.4820

Conversions

Conversions Part 2

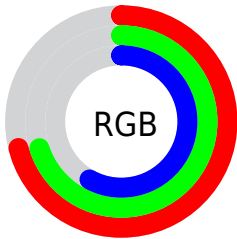
Format	Color
RYB	153, 182, 148
Decimal	11973268
CIELab	72.18, -3.65, 15.87
CIELCh	72, 16.284, 102.953
Yxy	43.9240, 0.3413, 0.3696
Android (android.graphics.Color)	4290163348 (0xFFB6B294)
YUV	175.7760, -13.6936, 5.4584
Hunter-Lab	66.2752, -6.7485, 15.6562

Details

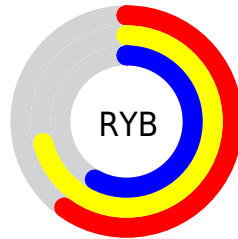
The XYZ color **40.5571, 43.9240, 34.3576** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8844, 32.1291, 48.7773**, and the grayscale version is **41.2158, 43.3622, 47.2215**.

A 20% lighter version of the original color is **75.3434, 81.2870, 67.5961**, and **18.5445, 20.1974, 14.2304** is the 20% darker color. If you saturate the color by 10%, you get **38.8065, 42.5495, 27.2169**, and if you desaturate by 10%, it is **42.5433, 45.4063, 42.6955**.

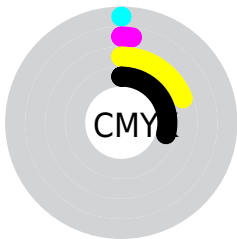
Distribution



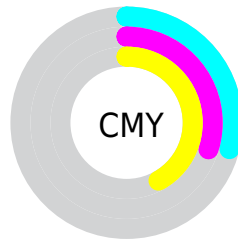
- Red (71%)
- Green (70%)
- Blue (58%)



- Red (60%)
- Yellow (71%)
- Blue (58%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (29%)





- Cyan (29%)
- Magenta (30%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5571, 43.9240, 34.3576 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 40.5571, 43.9240, 34.3576 by changing the saturation by 10% instead.


 40.5571, 43.9240,
34.3576


 40.5571, 43.9240,
34.3576


339.5604,
362.3981, 336.5413

 28.1593, 30.6108,
22.8889

 75.2901, 81.1034,
67.6296

 18.5869, 20.3026,
14.3069


 98.3560, 105.7383,
90.2700

 11.4744, 12.6152,
8.1933


125.7086,
134.9159, 117.4713

 6.4565, 7.1641,
4.1293

157.7133,
169.0206, 149.6522

 3.1679, 3.5650,
1.6966

194.7355,
208.4368, 187.2310

 1.2431, 1.4333,
0.3584

237.1405,

 0.1400, 0.2411,

253.5488, 230.6265

0.0000

285.2937,
304.7411, 280.2571

■ 0.0000, 0.0000,
0.0000

■ 40.5571, 43.9240,
34.3576

■ 40.5571, 43.9240,
34.3576

■ 38.8065, 42.5495,
27.2169

■ 42.5433, 45.4063,
42.6955

■ 37.2773, 41.2727,
21.2149

■ 44.7713, 46.9945,
52.2796

■ 35.9593, 40.0909,
16.2924

■ 47.2518, 48.6944,
63.1599

■ 34.8400, 38.9990,
12.3841

■ 49.9935, 50.5096,
75.3826

■ 33.9056, 37.9915,
9.4172

■ 53.0049, 52.4434,
88.9917

■ 33.1403, 37.0621,
7.3093

■ 55.9372, 54.3565,
102.1514

■ 32.5260, 36.2034,
5.9639

■ 56.4066, 55.2953,
102.3079

■ 32.0308, 35.4026,
5.2141

■ 56.8828, 56.2478,
102.4666

■ 31.9684, 35.2989,
5.1284

■ 57.3659, 57.2140,
102.6276

Harmonies

Analogous

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



43.3414, 43.9240, 34.5860



40.5571, 43.9240, 34.3576



38.1976, 43.9240, 37.4364

Triad

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



40.5571, 43.9240, 34.3576



37.9428, 43.9240, 59.0806



47.0919, 43.9240, 52.4739

Complementary

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



40.5571, 43.9240, 34.3576



31.8844, 32.1291, 48.7773

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.



45.5127, 43.9240, 59.9788



40.5571, 43.9240, 34.3576



40.1950, 43.9240, 64.0749

Square

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



40.5571, 43.9240, 34.3576



36.7342, 43.9240, 51.3540



42.9629, 43.9240, 64.4208



47.1994, 43.9240, 44.4629

Rectangle

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



40.5571, 43.9240, 34.3576



37.1492, 43.9240, 41.1724



42.9629, 43.9240, 64.4208



46.7124, 43.9240, 55.1599

Sweetspot

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



40.5583, 43.9260, 34.3585



78.1291, 83.0444, 81.6675



35.5931, 33.4100, 34.5087



17.2003, 18.3015, 17.7982



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.



40.5583, 43.9260, 34.3585



72.3107, 78.6942, 57.2645



38.5505, 44.0885, 34.4957



9.6577, 10.3183, 9.5895



22.6072, 24.9908, 3.6322



0.8226, 0.9323, 0.1366

Inverse Universe

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



31.8844, 32.1291, 48.7773



53.9646, 53.7437, 87.7651



33.6246, 32.0796, 48.6760



8.6039, 8.8850, 11.3409



6.1836, 2.8269, 31.4728



0.2460, 0.1556, 1.1188

Previews

White Background



This preview shows how the XYZ color 40.5571, 43.9240, 34.3576 looks on a white background.

Color Contrast Check

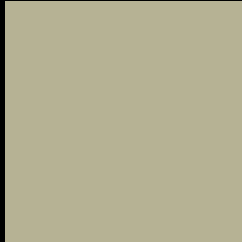
Large Text (above 18pt) WCAG AA × Fail

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 40.5571, 43.9240, 34.3576 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

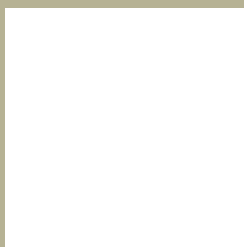
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.5571, 43.9240, 34.3576

Background



This preview shows how black text looks on a background with the XYZ color 40.5571, 43.9240, 34.3576.



This preview shows how white text looks on a background with the XYZ color 40.5571, 43.9240,

34.3576.

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

40.5571, 43.9240, 34.3576

Protanopia

41.4821, 44.1157, 33.9326

Deuteranopia

44.7816, 43.7888, 34.9460



Tritanopia

44.3000, 43.9971, 52.6118

Trichromacy



Original Color

40.5571, 43.9240, 34.3576

Protanomaly

40.9962, 43.8652, 33.9099

Deuteranomaly

43.1333, 43.7928, 34.6133

Tritanomaly

42.7839, 43.9528, 45.2585

Monochromacy



Original Color

40.5571, 43.9240, 34.3576

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.9652, 43.6624, 42.3450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5571, 43.9240, 34.3576 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(182, 178, 148)` looks like.

```
.text, #text, p{  
    color:rgb(182, 178, 148)  
}
```

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(182, 178, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 178, 148) }
```

Border

The CSS property to change the border of an element to XYZ 40.5571, 43.9240, 34.3576 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(182, 178, 148) }
```


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

```
.border{ border-color:rgb(182, 178, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 178, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 178, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 178, 148);  
box-shadow:4px 4px 4px 4px rgb(182, 178,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5571, 43.9240, 34.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 178, 148) }
```

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

```
.background{ background-color: rgb(182,  
178, 148) }
```

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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