

Converting Colors

XYZ(40.1833, 40.1198, 43.6562)

Have a look what the booklet for
XYZ(40.1833, 40.1198, 43.6562)
contains.

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Color

**XYZ(40.1833, 40.1198,
43.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A6AA
RGB	182, 166, 170
RGB Percent	71%, 65%, 67%
CMY	0.2863, 0.3490, 0.3333
CMYK	0.00, 0.09, 0.07, 0.29
HSL	345°, 10%, 68%
HSV	345°, 9%, 71%
XYZ	40.1833, 40.1198, 43.6562
YIQ	171.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

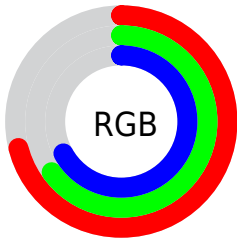
Format	Color
RYB	182, 166, 170
Decimal	11970218
CIELab	69.55, 6.50, 0.03
CIELCh	70, 6.495, 0.273
Yxy	40.1198, 0.3242, 0.3237
Android (android.graphics.Color)	4290160298 (0xFFB6A6AA)
YUV	171.2400, -0.6113, 9.4365
Hunter-Lab	63.3402, 2.3959, 3.4735

Details

The XYZ color **40.1833, 40.1198, 43.6562** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4912, 44.7782, 48.6306**, and the grayscale version is **38.8303, 40.8525, 44.4884**.

A 20% lighter version of the original color is **74.7070, 75.3263, 81.8361**, and **18.3406, 18.0098, 19.6491** is the 20% darker color. If you saturate the color by 10%, you get **35.8811, 33.4758, 36.1777**, and if you desaturate by 10%, it is **45.0901, 47.7574, 51.9990**.

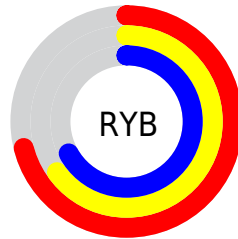
Distribution



Red (71%)

Green (65%)

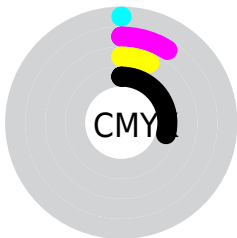
Blue (67%)



Red (71%)

Yellow (65%)

Blue (67%)

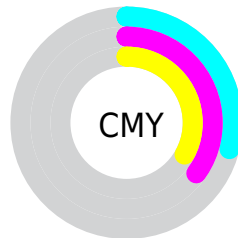


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (29%)



Cyan (29%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.1833, 40.1198, 43.6562 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 40.1833, 40.1198, 43.6562 by changing the saturation by 10% instead.


 40.1833, 40.1198,
43.6562


 40.1833, 40.1198,
43.6562


338.0167,
346.6283, 377.3037

 27.8663, 27.6320,
30.0651


 74.7251, 75.3459,
81.9971

 18.3649, 18.0484,
19.6355


 97.6807, 98.8530,
107.5840

 11.3135, 10.9847,
11.9490


124.9132,
126.8019, 138.0066

 6.3470, 6.0566,
6.5868

156.7879,
159.5771, 173.6834

 3.0998, 2.8795,
3.1306

193.6703,
197.5629, 215.0330

 1.2068, 1.0692,
1.1617

235.9257,

 0.1117, 0.0000,

241.1438, 262.4739

0.0000

283.9193,
290.7041, 316.4246

■ 0.0000, 0.0000,
0.0000

■ 40.1833, 40.1198,
43.6562

■ 40.1833, 40.1198,
43.6562

■ 35.8811, 33.4758,
36.1777

■ 45.0901, 47.7574,
51.9990

■ 32.1566, 27.7793,
29.5330

■ 50.6204, 56.4217,
61.2303

■ 28.9855, 22.9886,
23.6933

■ 56.7966, 66.1507,
71.3763

■ 26.3409, 19.0566,
18.6275

■ 63.6387, 76.9790,
82.4615

■ 24.1932, 15.9320,
14.3022

■ 70.5232, 87.6538,
94.2952

■ 22.5100, 13.5581,
10.6814

■ 72.6093, 88.4883,
105.2803

■ 21.2548, 11.8706,
7.7261

■ 73.1016, 88.6852,
107.8728

■ 20.3853, 10.7944,
5.3928

■ 19.8312, 10.1993,
3.6261

Harmonies

Analogous

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



39.9093, 40.1198, 46.6081



40.1833, 40.1198, 43.6562



39.8995, 40.1198, 40.8387

Triad

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



40.1833, 40.1198, 43.6562



37.1259, 40.1198, 38.8870



37.1422, 40.1198, 48.8889

Complementary

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



40.1833, 40.1198, 43.6562



40.4912, 44.7782, 48.6306

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.



36.4188, 40.1198, 46.6578



40.1833, 40.1198, 43.6562



36.4095, 40.1198, 40.8841

Square

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



40.1833, 40.1198, 43.6562



38.1231, 40.1198, 38.1634



36.1530, 40.1198, 43.7111



38.1423, 40.1198, 49.7121

Rectangle

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



40.1833, 40.1198, 43.6562



39.4351, 40.1198, 39.3941



36.1530, 40.1198, 43.7111



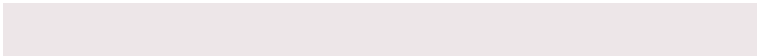
36.8593, 40.1198, 48.2738

Sweetspot

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



40.1844, 40.1216, 43.6571



77.8208, 80.4593, 87.6334



40.4411, 40.1167, 49.8682



17.0292, 17.5235, 19.0853



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.



40.1844, 40.1216, 43.6571



70.8853, 69.6905, 75.7583



40.5503, 41.4493, 41.9418



9.0942, 9.0481, 9.8435



13.9873, 7.1687, 2.5542



0.5187, 0.2629, 0.2247

Inverse Universe

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



40.1844, 40.1216, 43.6571



70.8853, 69.6905, 75.7583



40.0911, 43.3264, 50.5062



9.0942, 9.0481, 9.8435



13.9873, 7.1687, 2.5542



0.5187, 0.2629, 0.2247

Previews

White Background



This preview shows how the XYZ color 40.1833, 40.1198, 43.6562 looks on a white background.

Color Contrast Check

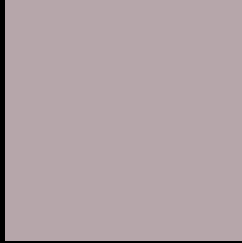
Large Text (above 18pt) WCAG AA × Fail

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 40.1833, 40.1198, 43.6562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

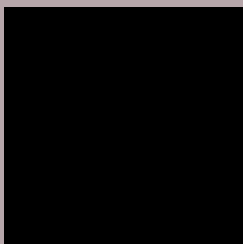
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

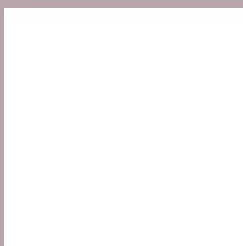
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.1833, 40.1198, 43.6562

Background



This preview shows how black text looks on a background with the XYZ color 40.1833, 40.1198, 43.6562.



This preview shows how white text looks on a background with the XYZ color 40.1833, 40.1198,

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

40.1833, 40.1198, 43.6562

Protanopia

38.6476, 40.1251, 44.7377

Deuteranopia

40.9605, 40.2516, 43.6407



Tritanopia

41.0195, 40.1919, 47.7153

Trichromacy



Original Color

40.1833, 40.1198, 43.6562

Protanomaly

39.2578, 40.1756, 44.2136

Deuteranomaly

40.7184, 40.1268, 43.6294

Tritanomaly

40.7214, 40.0727, 46.1460

Monochromacy



Original Color

40.1833, 40.1198, 43.6562

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.2178, 40.4302, 44.2649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.1833, 40.1198, 43.6562 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, 166, 170)` looks like.

```
.text, #text, p{  
    color:rgb(182, 166, 170)  
}
```

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, 166, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 166, 170) }
```

Border

The CSS property to change the border of an element to XYZ 40.1833, 40.1198, 43.6562 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, 166, 170) }
```


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

```
.border{ border-color:rgb(182, 166, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 166, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 166, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 166, 170);  
box-shadow:4px 4px 4px 4px rgb(182, 166,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 40.1833, 40.1198, 43.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 166, 170) }
```

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

```
.background{ background-color: rgb(182,  
166, 170) }
```

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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