

Converting Colors

XYZ(41.1130, 40.7565, 48.8799)

Have a look what the booklet for
XYZ(41.1130, 40.7565, 48.8799)
contains.

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Color

**XYZ(41.1130, 40.7565,
48.8799)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A7B4
RGB	181, 167, 180
RGB Percent	71%, 65%, 71%
CMY	0.2902, 0.3451, 0.2941
CMYK	0.00, 0.08, 0.01, 0.29
HSL	304°, 9%, 68%
HSV	304°, 8%, 71%
XYZ	41.1130, 40.7565, 48.8799
YIQ	172.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

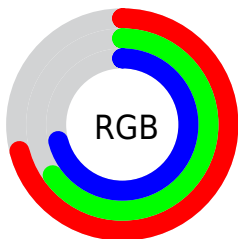
Format	Color
RYB	181, 167, 180
Decimal	11904948
CIELab	70.00, 7.43, -4.85
CIELCh	70, 8.873, 326.828
Yxy	40.7565, 0.3144, 0.3117
Android (android.graphics.Color)	4290095028 (0xFFB5A7B4)
YUV	172.6680, 3.6147, 7.3072
Hunter-Lab	63.8408, 3.2312, -0.7070

Details

The XYZ color **41.1130, 40.7565, 48.8799** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.5297, 44.0915, 43.4750**, and the grayscale version is **39.5332, 41.5920, 45.2937**.

A 20% lighter version of the original color is **76.1867, 76.3032, 90.0694**, and **18.8636, 18.3830, 22.6327** is the 20% darker color. If you saturate the color by 10%, you get **37.8958, 34.5314, 47.1610**, and if you desaturate by 10%, it is **44.7979, 47.9138, 50.7618**.

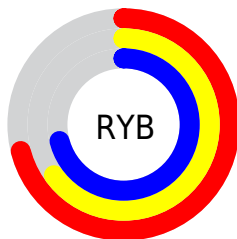
Distribution



Red (71%)

Green (65%)

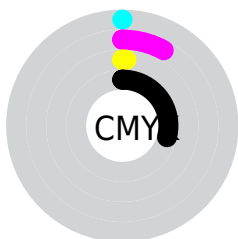
Blue (71%)



Red (71%)

Yellow (65%)

Blue (71%)

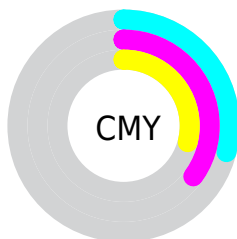


Cyan (0%)

Magenta (8%)

Yellow (1%)

Black (29%)



Cyan (29%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1130, 40.7565, 48.8799 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 41.1130, 40.7565, 48.8799 by changing the saturation by 10% instead.

■ 41.1130, 40.7565,
48.8799

■ 41.1130, 40.7565,
48.8799

341.8472,
349.3019, 398.8782

■ 28.5955, 28.1289,
34.1593

■ 76.1290, 76.3141,
89.8922

■ 18.9177, 18.4228,
22.7376

■ 99.3582, 100.0129,
117.0210

■ 11.7145, 11.2540,
14.1964

126.8887,
128.1708, 149.1228

■ 6.6204, 6.2379,
8.1171

159.0857,
161.1723, 186.6164

■ 3.2701, 2.9903,
4.0811

196.3147,
199.4018, 229.9202

■ 1.2981, 1.1267,
1.6700

238.9411,

■ 0.1818, 0.0006,

243.2436, 279.4527

0.3400

287.3301,
293.0822, 335.6325

■ 0.0000, 0.0000,
0.0000

■ 41.1130, 40.7565,
48.8799

■ 41.1130, 40.7565,
48.8799

■ 37.8958, 34.5314,
47.1610

■ 44.7979, 47.9138,
50.7618

■ 35.1236, 29.1948,
45.5959

■ 48.9650, 56.0342,
52.8100

■ 32.7770, 24.7076,
44.1787

■ 53.6326, 65.1536,
55.0311

■ 30.8339, 21.0255,
42.9021

■ 58.8169, 75.3044,
57.4306

■ 29.2703, 18.1003,
41.7580

■ 63.7291, 84.9090,
59.7456

■ 28.0594, 15.8787,
40.7374

■ 63.8677, 84.9644,
60.4754

■ 27.1711, 14.3003,
39.8303

■ 64.0075, 85.0204,
61.2119

■ 26.5702, 13.2948,
39.0250

■ 64.1486, 85.0768,
61.9550

■ 26.2025, 12.7536,
38.3033

■ 64.2910, 85.1338,
62.7046

Harmonies

Analogous

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



40.0068, 40.7565, 51.8719



41.1130, 40.7565, 48.8799



41.5820, 40.7565, 44.8192

Triad

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



41.1130, 40.7565, 48.8799



38.8920, 40.7565, 36.8888



36.3083, 40.7565, 48.0700

Complementary

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



41.1130, 40.7565, 48.8799



39.5297, 44.0915, 43.4750

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.



36.0264, 40.7565, 43.9375



41.1130, 40.7565, 48.8799



37.4960, 40.7565, 37.6410

Square

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



41.1130, 40.7565, 48.8799



40.2798, 40.7565, 38.0374



36.4559, 40.7565, 40.1593



37.2357, 40.7565, 51.3843

Rectangle

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



41.1130, 40.7565, 48.8799



41.4617, 40.7565, 42.1105



36.4559, 40.7565, 40.1593



36.1359, 40.7565, 46.7232

Sweetspot

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



41.1142, 40.7583, 48.8808



77.2896, 80.0923, 89.4272



38.2953, 39.2932, 49.2827



16.7207, 17.3412, 19.3364



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.



41.1142, 40.7583, 48.8808



72.7667, 71.3159, 87.0894



40.4254, 40.4828, 45.2538



8.8233, 8.6360, 10.5679



18.0245, 8.7273, 26.3525



0.5749, 0.2777, 0.8700

Inverse Universe

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



41.1142, 40.7583, 48.8808



72.7667, 71.3159, 87.0894



40.1930, 44.3568, 46.9678



8.8233, 8.6360, 10.5679



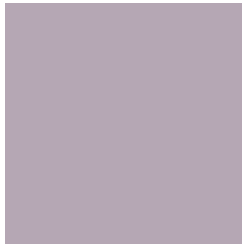
18.0245, 8.7273, 26.3525



0.5749, 0.2777, 0.8700

Previews

White Background



This preview shows how the XYZ color 41.1130, 40.7565, 48.8799 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 41.1130, 40.7565, 48.8799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

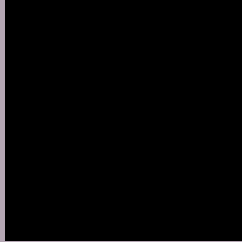
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1130, 40.7565, 48.8799

Background



This preview shows how black text looks on a background with the XYZ color 41.1130, 40.7565, 48.8799.



This preview shows how white text looks on a background with the XYZ color 41.1130, 40.7565,

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

41.1130, 40.7565, 48.8799

Protanopia

39.6128, 40.7848, 50.0404

Deuteranopia

41.6416, 40.7581, 48.8524



Tritanopia

41.1130, 40.7565, 48.8799

Trichromacy



Original Color

41.1130, 40.7565, 48.8799

Protanomaly

40.2077, 40.8261, 49.4771

Deuteranomaly

41.4029, 40.6350, 48.8412

Tritanomaly

41.1130, 40.7565, 48.8799

Monochromacy



Original Color

41.1130, 40.7565, 48.8799

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3039, 41.4905, 46.9585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1130, 40.7565, 48.8799 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(181, 167, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 167, 180)  
}
```

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(181, 167, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 167, 180) }
```

Border

The CSS property to change the border of an element to XYZ 41.1130, 40.7565, 48.8799 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(181, 167, 180) }
```


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

```
.border{ border-color:rgb(181, 167, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 167, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 167, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 167, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 167,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1130, 40.7565, 48.8799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 167, 180) }
```

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

```
.background{ background-color: rgb(181,  
167, 180) }
```

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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