

Converting Colors

XYZ(41.4437, 41.2137, 38.0448)

Have a look what the booklet for
XYZ(41.4437, 41.2137, 38.0448)
contains.

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Color

**XYZ(41.4761, 41.1824,
38.1107)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA79E
RGB	191, 167, 158
RGB Percent	75%, 65%, 62%
CMY	0.2510, 0.3451, 0.3804
CMYK	0.00, 0.13, 0.17, 0.25
HSL	16°, 20%, 68%
HSV	16°, 17%, 75%
XYZ	41.4761, 41.1824, 38.1107
YIQ	173.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

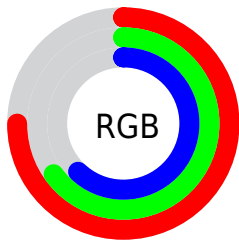
Format	Color
R_{YB}	191, 170, 158
Decimal	12560286
CIE Lab	70.30, 7.25, 7.85
CIE LCh	70, 10.687, 47.280
Yxy	41.1824, 0.3434, 0.3410
Android (android.graphics.Color)	4290750366 (0xFFBFA79E)
YUV	173.1500, -7.4689, 15.6545
Hunter-Lab	64.1735, 3.0630, 9.7109

Details

The XYZ color **41.4761, 41.1824, 38.1107** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2322, 44.4855, 55.7566**, and the grayscale version is **39.8287, 41.9028, 45.6322**.

A 20% lighter version of the original color is **76.8429, 77.0031, 73.7638**, and **19.1011, 18.6414, 16.5013** is the 20% darker color. If you saturate the color by 10%, you get **37.5492, 35.7580, 29.3112**, and if you desaturate by 10%, it is **45.9341, 47.2593, 48.3489**.

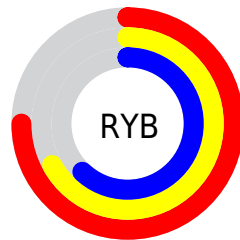
Distribution



Red (75%)

Green (65%)

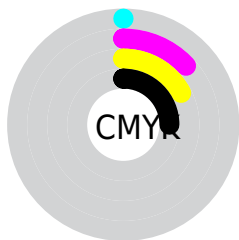
Blue (62%)



Red (75%)

Yellow (67%)

Blue (62%)

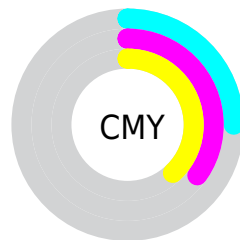


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4761, 41.1824, 38.1107 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 41.4761, 41.1824, 38.1107 by changing the saturation by 10% instead.


 41.4761, 41.1824,
38.1107


 41.4761, 41.1824,
38.1107


343.3352,
351.0824, 353.4070

 28.8806, 28.4616,
25.7661


 76.6763, 76.9607,
73.4831

 19.1343, 18.6739,
16.4246

 100.0116,
100.7870, 97.3480

 11.8720, 11.4349,
9.6675


127.6577,
129.0840, 125.8900

 6.7281, 6.3602,
5.0763

159.9797,
162.2360, 159.5278

 3.3375, 3.0653,
2.2326

197.3431,
200.6275, 198.6799

 1.3346, 1.1659,
0.6931

240.1133,

 0.2089, 0.0336,

244.6428, 243.7647

0.0000

288.6556,
294.6663, 295.2009

■ 0.0000, 0.0000,
0.0000

■ 41.4761, 41.1824,
38.1107

■ 41.4761, 41.1824,
38.1107

■ 37.5492, 35.7580,
29.3112

■ 45.9341, 47.2593,
48.3489

■ 34.1296, 30.9587,
21.8829

■ 50.9391, 54.0039,
60.0838

■ 31.1968, 26.7632,
15.7568

■ 56.5104, 61.4380,
73.3735

■ 28.7274, 23.1468,
10.8569

■ 62.6653, 69.5806,
88.2722

■ 26.6960, 20.0831,
7.0992

■ 69.4205, 78.4500,
104.8314

■ 25.0743, 17.5436,
4.3889

■ 73.8266, 86.8777,
107.4857

■ 23.8306, 15.4968,
2.6158

■ 75.2960, 89.8164,
107.9755

■ 22.9235, 13.9059,
1.6253

■ 22.7190, 13.5425,
1.4165

Harmonies

Analogous

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



42.4529, 41.1824, 42.0316



41.4761, 41.1824, 38.1107



39.8901, 41.1824, 36.0614

Triad

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



41.4761, 41.1824, 38.1107



35.9434, 41.1824, 42.7468



40.1533, 41.1824, 54.7128

Complementary

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



41.4761, 41.1824, 38.1107



40.2322, 44.4855, 55.7566

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.



38.4045, 41.1824, 54.9403



41.4761, 41.1824, 38.1107



36.0090, 41.1824, 47.7721

Square

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



41.4761, 41.1824, 38.1107



36.7162, 41.1824, 38.6005



36.8984, 41.1824, 52.3196



41.6737, 41.1824, 51.7195

Rectangle

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



41.4761, 41.1824, 38.1107



38.7167, 41.1824, 35.9238



36.8984, 41.1824, 52.3196



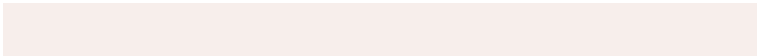
39.5717, 41.1824, 55.1229

Sweetspot

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



41.4772, 41.1842, 38.1116



84.1527, 87.1921, 90.9784



42.1773, 38.9163, 49.6534



18.3441, 18.9639, 19.6632



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



41.4772, 41.1842, 38.1116



71.3204, 69.6818, 61.5620



44.6532, 47.5362, 39.1702



9.7363, 9.9486, 9.9838



14.9891, 9.0169, 0.9504



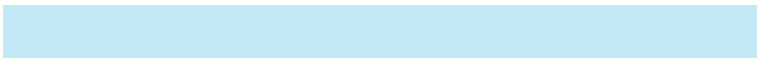
0.6437, 0.4664, 0.0561

Inverse Universe

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



40.2322, 44.4855, 55.7566



68.6427, 76.7719, 99.4797



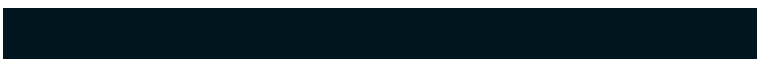
37.0867, 38.1947, 54.7081



9.5825, 10.3573, 12.1663



12.3068, 14.7254, 34.5865



0.5338, 0.6803, 1.3720

Previews

White Background



This preview shows how the XYZ color 41.4761, 41.1824, 38.1107 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 41.4761, 41.1824, 38.1107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

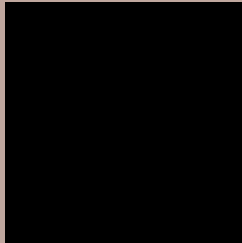
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4761, 41.1824, 38.1107

Background



This preview shows how black text looks on a background with the XYZ color 41.4761, 41.1824, 38.1107.



This preview shows how white text looks on a background with the XYZ color 41.4761, 41.1824,

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

41.4761, 41.1824, 38.1107

Protanopia

39.2682, 41.1289, 39.1267

Deuteranopia

42.0559, 41.2104, 38.0856



Tritanopia

43.2036, 41.0627, 47.2438

Trichromacy



Original Color

41.4761, 41.1824, 38.1107

Protanomaly

40.1612, 41.3199, 38.6597

Deuteranomaly

41.8001, 41.0785, 38.0736

Tritanomaly

42.4491, 41.0190, 43.7104

Monochromacy



Original Color

41.4761, 41.1824, 38.1107

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.4532, 41.6563, 42.9541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4761, 41.1824, 38.1107 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(191, 167, 158)` looks like.

```
.text, #text, p{  
    color:rgb(191, 167, 158)  
}
```

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(191, 167, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 167, 158) }
```

Border

The CSS property to change the border of an element to XYZ 41.4761, 41.1824, 38.1107 is called "border". The border property can be set on classes, ids or directly on the HTML element.

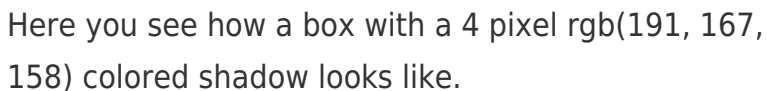
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 167, 158) }
```


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

```
.border{ border-color:rgb(191, 167, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 167, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 167, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 167, 158); box-shadow:4px 4px 4px 4px rgb(191, 167, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4761, 41.1824, 38.1107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 167, 158) }
```

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

```
.background{ background-color: rgb(191,  
167, 158) }
```

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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