

Converting Colors

XYZ(41.0078, 40.9615, 37.4643)

Have a look what the booklet for
XYZ(41.0078, 40.9615, 37.4643)
contains.

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Color

**XYZ(41.1397, 41.0189,
37.6474)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA79D
RGB	190, 167, 157
RGB Percent	75%, 65%, 62%
CMY	0.2549, 0.3451, 0.3843
CMYK	0.00, 0.12, 0.17, 0.25
HSL	18°, 20%, 68%
HSV	18°, 17%, 75%
XYZ	41.1397, 41.0189, 37.6474
YIQ	172.7370, 16.9180, 1.7660

Conversions

Conversions Part 2

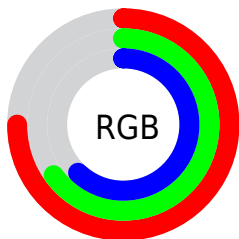
Format	Color
R_{YB}	190, 171, 157
Decimal	12494749
CIE _{Lab}	70.19, 6.71, 8.23
CIE _{LCh}	70, 10.620, 50.781
Yxy	41.0189, 0.3434, 0.3424
Android (android.graphics.Color)	4290684829 (0xFFBEA79D)
YUV	172.7370, -7.7583, 15.1397
Hunter-Lab	64.0460, 2.5783, 9.9805

Details

The XYZ color **41.1397, 41.0189, 37.6474** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.5198, 43.5272, 55.0342**, and the grayscale version is **39.6197, 41.6830, 45.3928**.

A 20% lighter version of the original color is **76.3627, 76.7702, 73.0807**, and **18.8856, 18.5363, 16.2182** is the 20% darker color. If you saturate the color by 10%, you get **37.3396, 35.8157, 28.9903**, and if you desaturate by 10%, it is **45.4427, 46.8234, 47.7177**.

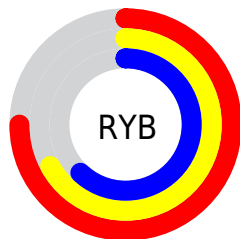
Distribution



Red (75%)

Green (65%)

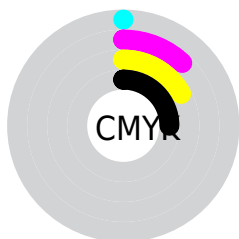
Blue (62%)



Red (75%)

Yellow (67%)

Blue (62%)

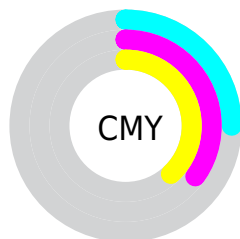


Cyan (0%)

Magenta (12%)

Yellow (17%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.1397, 41.0189, 37.6474 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 41.1397, 41.0189, 37.6474 by changing the saturation by 10% instead.


 41.1397, 41.0189,
37.6474


 41.1397, 41.0189,
37.6474


341.9568,
350.3996, 351.3577

 28.6164, 28.3339,
25.4094


 76.1693, 76.7126,
72.7648

 18.9337, 18.5775,
16.1606


 99.4063, 100.4900,
96.4813

 11.7261, 11.3654,
9.4823


126.9453,
128.7337, 124.8611

 6.6283, 6.3132,
4.9560

159.1515,
161.8280, 158.3226

 3.2750, 3.0364,
2.1632

196.3905,
200.1574, 197.2845

 1.3008, 1.1508,
0.6530

239.0274,

 0.1838, 0.0209,

244.1061, 242.1653

0.0000

287.4277,
294.0588, 293.3835

■ 0.0000, 0.0000,
0.0000

■ 41.1397, 41.0189,
37.6474

■ 41.1397, 41.0189,
37.6474

■ 37.3396, 35.8157,
28.9903

■ 45.4427, 46.8234,
47.7177

■ 34.0200, 31.1889,
21.6801

■ 50.2632, 53.2423,
59.2582

■ 31.1617, 27.1195,
15.6490

■ 55.6195, 60.2951,
72.3259

■ 28.7428, 23.5858,
10.8224

■ 61.5278, 67.9990,
86.9741

■ 26.7394, 20.5642,
7.1175

■ 68.0036, 76.3703,
103.2534

■ 25.1253, 18.0295,
4.4414

■ 72.3771, 84.3507,
107.0744

■ 23.8706, 15.9539,
2.6855

■ 75.0453, 89.6872,
107.9638

■ 22.9359, 14.3045,
1.6958

■ 22.7282, 13.9329,
1.4914

Harmonies

Analogous

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



42.1975, 41.0189, 41.3507



41.1397, 41.0189, 37.6474



39.5254, 41.0189, 35.8620

Triad

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



41.1397, 41.0189, 37.6474



35.7792, 41.0189, 43.1460



40.1855, 41.0189, 54.2265

Complementary

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



41.1397, 41.0189, 37.6474



39.5198, 43.5272, 55.0342

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.



38.4540, 41.0189, 54.7967



41.1397, 41.0189, 37.6474



35.9441, 41.0189, 48.1468

Square

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



41.1397, 41.0189, 37.6474



36.4539, 41.0189, 38.8777



36.9112, 41.0189, 52.4993



41.6353, 41.0189, 50.9947

Rectangle

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



41.1397, 41.0189, 37.6474



38.3652, 41.0189, 35.9011



36.9112, 41.0189, 52.4993



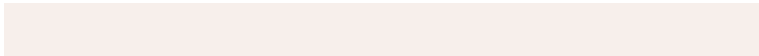
39.6160, 41.0189, 54.7448

Sweetspot

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



41.1408, 41.0207, 37.6483



84.2622, 87.4110, 91.0149



41.5410, 38.3610, 48.4488



18.3713, 19.0183, 19.6722



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.



41.1408, 41.0207, 37.6483



71.7099, 70.4609, 61.6919



44.3375, 47.4141, 38.7138



9.7597, 9.9953, 9.9915



15.1742, 9.3872, 1.0121



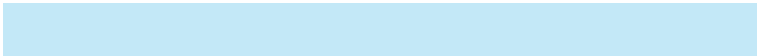
0.6538, 0.4865, 0.0594

Inverse Universe

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



39.5198, 43.5272, 55.0342



68.1986, 75.8837, 99.3317



36.4034, 37.2943, 53.9953



9.5578, 10.3080, 12.1581



11.7748, 13.6613, 34.4092



0.5162, 0.6451, 1.3662

Previews

White Background



This preview shows how the XYZ color 41.1397, 41.0189, 37.6474 looks on a white background.

Color Contrast Check

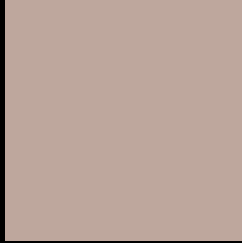
Large Text (above 18pt) WCAG AA × Fail

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 41.1397, 41.0189, 37.6474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

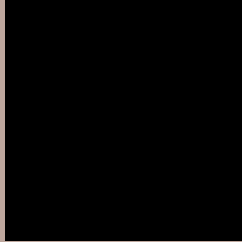
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1397, 41.0189, 37.6474

Background



This preview shows how black text looks on a background with the XYZ color 41.1397, 41.0189, 37.6474.



This preview shows how white text looks on a background with the XYZ color 41.1397, 41.0189,

37.6474.

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

41.1397, 41.0189, 37.6474

Protanopia

39.1810, 41.0940, 38.6678

Deuteranopia

41.9702, 41.1761, 37.6340



Tritanopia

43.2036, 41.0627, 47.2438

Trichromacy



Original Color

41.1397, 41.0189, 37.6474

Protanomaly

39.8377, 41.1632, 38.1934

Deuteranomaly

41.7143, 41.0442, 37.6220

Tritanomaly

42.4491, 41.0190, 43.7104

Monochromacy



Original Color

41.1397, 41.0189, 37.6474

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.1284, 41.4995, 42.4544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1397, 41.0189, 37.6474 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(190, 167, 157)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 157)  
}
```

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(190, 167, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 157) }
```

Border

The CSS property to change the border of an element to XYZ 41.1397, 41.0189, 37.6474 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(190, 167, 157) }
```


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

```
.border{ border-color:rgb(190, 167, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 157);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1397, 41.0189, 37.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 157) }
```

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

```
.background{ background-color: rgb(190,  
167, 157) }
```

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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