

Converting Colors

XYZ(38.8333, 40.5178, 34.7429)

Have a look what the booklet for
XYZ(38.8333, 40.5178, 34.7429)
contains.

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Color

**XYZ(38.7490, 40.4017,
34.6102)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A996
RGB	181, 169, 150
RGB Percent	71%, 66%, 59%
CMY	0.2902, 0.3372, 0.4118
CMYK	0.00, 0.07, 0.17, 0.29
HSL	37°, 17%, 65%
HSV	37°, 17%, 71%
XYZ	38.7490, 40.4017, 34.6102
YIQ	170.4220, 13.2510, -3.3650

Conversions

Conversions Part 2

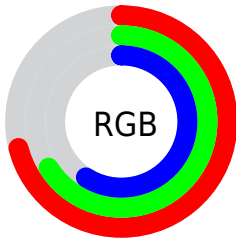
Format	Color
RYB	170, 181, 150
Decimal	11905430
CIELab	69.75, 1.11, 11.36
CIElCh	70, 11.414, 84.397
Yxy	40.4017, 0.3406, 0.3551
Android (android.graphics.Color)	4290095510 (0xFFB5A996)
YUV	170.4220, -10.0680, 9.2769
Hunter-Lab	63.5623, -2.4165, 12.2098

Details

The XYZ color **38.7490, 40.4017, 34.6102** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8383, 35.6600, 48.8158**, and the grayscale version is **38.4641, 40.4672, 44.0688**.

A 20% lighter version of the original color is **72.4798, 75.6755, 67.9135**, and **17.5155, 18.2126, 14.3966** is the 20% darker color. If you saturate the color by 10%, you get **36.1346, 37.3278, 27.0949**, and if you desaturate by 10%, it is **41.6605, 43.7089, 43.3363**.

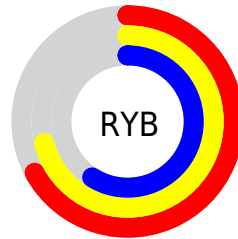
Distribution



Red (71%)

Green (66%)

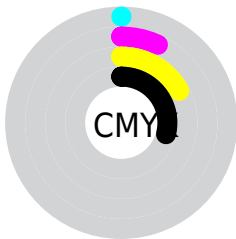
Blue (59%)



Red (67%)

Yellow (71%)

Blue (59%)

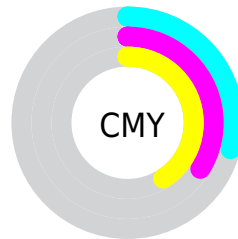


Cyan (0%)

Magenta (7%)

Yellow (17%)

Black (29%)



Cyan (29%)


Magenta (34%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7490, 40.4017, 34.6102 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 38.7490, 40.4017, 34.6102 by changing the saturation by 10% instead.


 38.7490, 40.4017,
34.6102


 38.7490, 40.4017,
34.6102


332.0477,
347.8138, 337.6962

 26.7444, 27.8519,
23.0816


 72.5512, 75.7748,
68.0262

 17.5169, 18.2140,
14.4479


 95.0796, 99.3669,
90.7506

 10.7013, 11.1038,
8.2906


121.8465,
127.4086, 118.0441

 5.9322, 6.1367,
4.1910

153.2174,
160.2841, 150.3252

 2.8441, 2.9284,
1.7307

189.5576,
198.3781, 188.0125

 1.0719, 1.0944,
0.3816

231.2325,

 0.0014, 0.0000,

242.0747, 231.5243

0.0000

278.6074,
291.7585, 281.2794

■ 0.0000, 0.0000,
0.0000

■ 38.7490, 40.4017,
34.6102

■ 38.7490, 40.4017,
34.6102

■ 36.1346, 37.3278,
27.0949

■ 41.6605, 43.7089,
43.3363

■ 33.8028, 34.4756,
20.7332

■ 44.8767, 47.2499,
53.3216

■ 31.7424, 31.8401,
15.4671

■ 48.4086, 51.0323,
64.6153

■ 29.9401, 29.4143,
11.2325

■ 52.2659, 55.0615,
77.2629

■ 28.3815, 27.1905,
7.9586

■ 56.4579, 59.3428,
91.3079

■ 27.0501, 25.1601,
5.5654

■ 60.4078, 63.6471,
103.7090

■ 25.9273, 23.3139,
3.9600

■ 62.1863, 67.2042,
104.3019

■ 24.9865, 21.6390,
3.0092

■ 64.0416, 70.9148,
104.9203

■ 24.7360, 21.1836,
2.7851

■ 65.9747, 74.7808,
105.5647

Harmonies

Analogous

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



40.5091, 40.4017, 36.2160



38.7490, 40.4017, 34.6102



36.9499, 40.4017, 35.3492

Triad

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



38.7490, 40.4017, 34.6102



35.2511, 40.4017, 48.3344



41.3662, 40.4017, 50.1924

Complementary

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



38.7490, 40.4017, 34.6102



33.8383, 35.6600, 48.8158

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.



39.8888, 40.4017, 53.9366



38.7490, 40.4017, 34.6102



36.3666, 40.4017, 52.8050

Square

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



38.7490, 40.4017, 34.6102



34.9679, 40.4017, 43.0033



38.0543, 40.4017, 54.9290



42.0509, 40.4017, 44.9929

Rectangle

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



38.7490, 40.4017, 34.6102



35.9652, 40.4017, 37.1052



38.0543, 40.4017, 54.9290



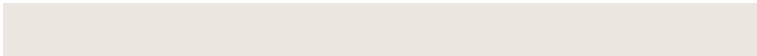
40.9436, 40.4017, 51.6791

Sweetspot

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



38.7501, 40.4035, 34.6111



75.7445, 79.5424, 81.0812



36.5200, 34.2598, 39.0576



16.2878, 17.0993, 17.2688



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.



38.7501, 40.4035, 34.6111



67.3583, 69.9851, 56.0423



40.3663, 44.7031, 35.3558



8.9154, 9.3433, 8.9861



17.1212, 14.7410, 1.9429



0.5932, 0.5729, 0.0793

Inverse Universe

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



33.8383, 35.6600, 48.8158



56.7136, 59.7064, 86.8300



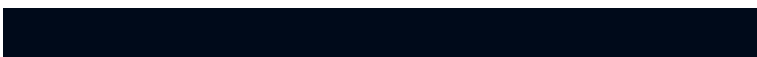
32.4031, 31.9315, 48.1718



8.3026, 8.7515, 10.7579



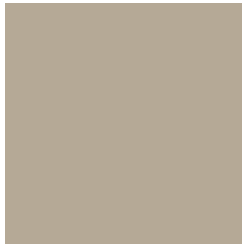
7.3244, 5.4491, 30.8027



0.2880, 0.2866, 0.9884

Previews

White Background



This preview shows how the XYZ color 38.7490, 40.4017, 34.6102 looks on a white background.

Color Contrast Check

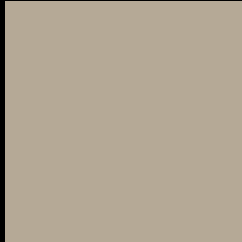
Large Text (above 18pt) WCAG AA × Fail

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 38.7490, 40.4017, 34.6102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

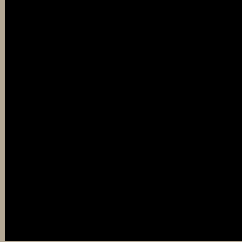
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7490, 40.4017, 34.6102

Background



This preview shows how black text looks on a background with the XYZ color 38.7490, 40.4017, 34.6102.



This preview shows how white text looks on a background with the XYZ color 38.7490, 40.4017,

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

38.7490, 40.4017, 34.6102

Protanopia

38.2398, 40.4164, 34.6399

Deuteranopia

41.1095, 40.2546, 34.8814



Tritanopia

41.4986, 40.4389, 47.7378

Trichromacy



Original Color

38.7490, 40.4017, 34.6102

Protanomaly

38.4702, 40.5352, 34.6506

Deuteranomaly

40.2084, 40.3256, 34.9426

Tritanomaly

40.4713, 40.2899, 42.6895

Monochromacy



Original Color

38.7490, 40.4017, 34.6102

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4411, 40.3925, 40.4208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7490, 40.4017, 34.6102 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, 169, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 169, 150)  
}
```

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, 169, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 169, 150) }
```

Border

The CSS property to change the border of an element to XYZ 38.7490, 40.4017, 34.6102 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, 169, 150) }
```


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

```
.border{ border-color:rgb(181, 169, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 169, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 169, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 169, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 169,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7490, 40.4017, 34.6102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 169, 150) }
```

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

```
.background{ background-color: rgb(181,  
169, 150) }
```

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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