

Converting Colors

XYZ(36.3333, 38.0729, 24.2847)

Have a look what the booklet for
XYZ(36.3333, 38.0729, 24.2847)
contains.

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Color

**XYZ(36.3790, 38.0483,
24.1656)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A47B
RGB	183, 164, 123
RGB Percent	72%, 64%, 48%
CMY	0.2824, 0.3568, 0.5176
CMYK	0.00, 0.10, 0.33, 0.28
HSL	41°, 29%, 60%
HSV	41°, 33%, 72%
XYZ	36.3790, 38.0483, 24.1656
YIQ	165.0070, 24.4850, -8.7230

Conversions

Conversions Part 2

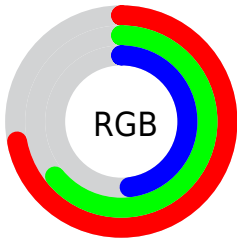
Format	Color
RYB	151, 183, 123
Decimal	12035195
CIELab	68.06, 0.72, 23.83
CIELCh	68, 23.845, 88.276
Yxy	38.0483, 0.3690, 0.3859
Android (android.graphics.Color)	4290225275 (0xFFB7A47B)
YUV	165.0070, -20.7095, 15.7799
Hunter-Lab	61.6833, -2.6717, 19.9503

Details

The XYZ color **36.3790, 38.0483, 24.1656** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.3883, 26.9749, 48.6154**, and the grayscale version is **35.8563, 37.7237, 41.0811**.

A 20% lighter version of the original color is **69.1032, 72.3229, 51.3919**, and **16.0835, 16.7499, 8.8639** is the 20% darker color. If you saturate the color by 10%, you get **34.3258, 35.6069, 18.3480**, and if you desaturate by 10%, it is **38.6956, 40.6733, 31.1284**.

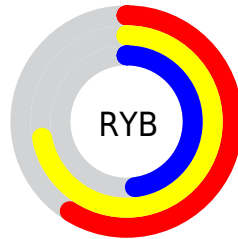
Distribution



Red (72%)

Green (64%)

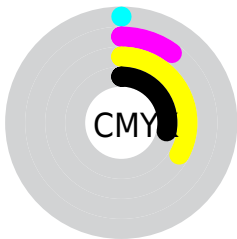
Blue (48%)



Red (59%)

Yellow (72%)

Blue (48%)

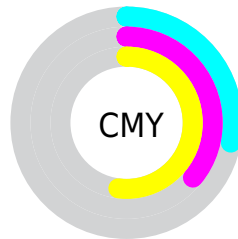


Cyan (0%)

Magenta (10%)

Yellow (33%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3790, 38.0483, 24.1656 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 36.3790, 38.0483, 24.1656 by changing the saturation by 10% instead.

■ 36.3790, 38.0483,
24.1656

■ 36.3790, 38.0483,
24.1656

322.0165,
337.8271, 286.9701

■ 24.8985, 26.0202,
15.2432

■ 68.9367, 72.1822,
51.2475

■ 16.1298, 16.8387,
8.8417

■ 90.7446, 95.0567,
70.2441

■ 9.7075, 10.1196,
4.5427

■ 116.7257,
122.3155, 93.4358

■ 5.2662, 5.4783,
1.9275

147.2454,
154.3429, 121.2411

■ 2.4406, 2.5305,
0.5102

182.6689,
191.5234, 154.0787

■ 0.8654, 0.8919,
0.0000

223.3617,

■ 0.0000, 0.0000,

234.2413, 192.3670

0.0000

269.6891,
282.8811, 236.5247

■ 36.3790, 38.0483,
24.1656

■ 36.3790, 38.0483,
24.1656

■ 34.3258, 35.6069,
18.3480

■ 38.6956, 40.6733,
31.1284

■ 32.5205, 33.3380,
13.6101

■ 41.2842, 43.4823,
39.2923

■ 30.9502, 31.2366,
9.8831


■ 44.1568, 46.4825,
48.7124

■ 29.5998, 29.2957,
7.0898


■ 47.3235, 49.6787,
59.4396


■ 28.4515, 27.5072,
5.1411


■ 50.7941, 53.0759,
71.5222


 27.4847, 25.8616,
3.9308

 54.5777, 56.6785,
85.0057

 26.8701, 24.7507,
3.3612

 58.6831, 60.4911,
99.9336

 60.7123, 63.5552,
103.6752

 62.1719, 66.4744,
104.1618

Harmonies

Analogous

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



40.0497, 38.0483, 26.3551



36.3790, 38.0483, 24.1656



32.8857, 38.0483, 25.9027

Triad

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



36.3790, 38.0483, 24.1656



30.2330, 38.0483, 51.8899



42.5835, 38.0483, 53.1379

Complementary

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



36.3790, 38.0483, 24.1656



26.3883, 26.9749, 48.6154

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.



39.6528, 38.0483, 62.1726



36.3790, 38.0483, 24.1656



32.5377, 38.0483, 61.3697

Square

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



36.3790, 38.0483, 24.1656



29.4860, 38.0483, 40.8160



35.9494, 38.0483, 65.4137



43.7805, 38.0483, 42.0464

Rectangle

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



36.3790, 38.0483, 24.1656



31.0921, 38.0483, 29.2544



35.9494, 38.0483, 65.4137



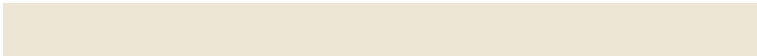
41.7590, 38.0483, 56.5825

Sweetspot

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



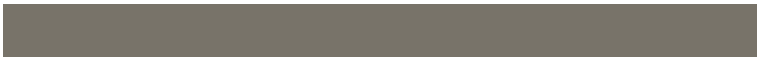
36.3800, 38.0500, 24.1664



75.2380, 79.2512, 74.5722



31.4941, 26.1866, 28.9862



16.4635, 17.3412, 15.9705



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.



36.3800, 38.0500, 24.1664



62.5839, 65.1122, 35.9208



37.5219, 44.0676, 25.2677



9.5039, 10.0108, 9.5383



18.8089, 17.3941, 2.3661



0.7160, 0.7191, 0.1011

Inverse Universe

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



26.3883, 26.9749, 48.6154



42.0504, 42.3621, 86.1961



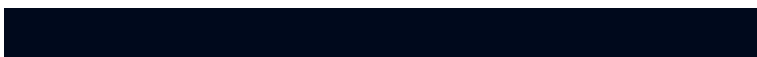
25.4621, 22.6536, 47.8302



8.7470, 9.1712, 11.3886



7.0713, 4.6023, 31.7687



0.3066, 0.2769, 1.1390

Previews

White Background



This preview shows how the XYZ color 36.3790, 38.0483, 24.1656 looks on a white background.

Color Contrast Check

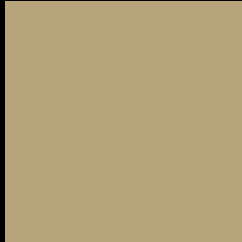
Large Text (above 18pt) WCAG AA × Fail

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 36.3790, 38.0483, 24.1656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

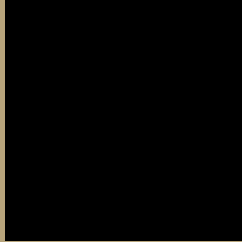
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3790, 38.0483, 24.1656

Background



This preview shows how black text looks on a background with the XYZ color 36.3790, 38.0483, 24.1656.



This preview shows how white text looks on a background with the XYZ color 36.3790, 38.0483,

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

36.3790, 38.0483, 24.1656

Protanopia

35.6344, 38.1926, 24.5626

Deuteranopia

38.8012, 37.9873, 24.3560



Tritanopia

40.2216, 38.0474, 43.2542

Trichromacy



Original Color

36.3790, 38.0483, 24.1656

Protanomaly

35.9156, 38.0688, 24.5238

Deuteranomaly

37.8688, 38.0213, 24.4117

Tritanomaly

38.5703, 37.8806, 35.4158

Monochromacy



Original Color

36.3790, 38.0483, 24.1656

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9734, 37.8829, 34.2703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3790, 38.0483, 24.1656 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(183, 164, 123)` looks like.

```
.text, #text, p{  
    color:rgb(183, 164, 123)  
}
```

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(183, 164, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 164, 123) }
```

Border

The CSS property to change the border of an element to XYZ 36.3790, 38.0483, 24.1656 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(183, 164, 123) }
```


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

```
.border{ border-color:rgb(183, 164, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 164, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 164, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 164, 123);  
box-shadow:4px 4px 4px 4px rgb(183, 164,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3790, 38.0483, 24.1656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 164, 123) }
```

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

```
.background{ background-color: rgb(183,  
164, 123) }
```

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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