

Converting Colors

XYZ(38.3770, 41.1024, 32.2964)

Have a look what the booklet for
XYZ(38.3770, 41.1024, 32.2964)
contains.

XYZ(38.3770, 41.1024, 32.2964)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.3770, 41.1024,
32.2964)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AC90
RGB	179, 172, 144
RGB Percent	70%, 67%, 56%
CMY	0.2980, 0.3255, 0.4353
CMYK	0.00, 0.04, 0.20, 0.30
HSL	48°, 19%, 63%
HSV	48°, 20%, 70%
XYZ	38.3770, 41.1024, 32.2964
YIQ	170.9010, 13.1600, -7.2240

Conversions

Conversions Part 2

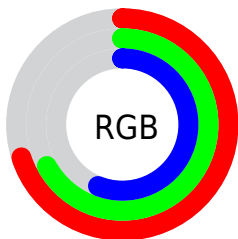
Format	Color
R_{YB}	153, 179, 144
Decimal	11775120
CIE Lab	70.25, -2.20, 15.32
CIE LCh	70, 15.479, 98.173
Yxy	41.1024, 0.3433, 0.3677
Android (android.graphics.Color)	4289965200 (0xFFB3AC90)
YUV	170.9010, -13.2622, 7.1028
Hunter-Lab	64.1112, -5.3442, 15.0101

Details

The XYZ color **38.3770, 41.1024, 32.2964** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.7048, 31.3165, 47.0745**, and the grayscale version is **38.7198, 40.7362, 44.3617**.

A 20% lighter version of the original color is **71.9231, 76.6776, 64.4356**, and **17.3410, 18.6767, 13.2807** is the 20% darker color. If you saturate the color by 10%, you get **36.4445, 39.2558, 25.4292**, and if you desaturate by 10%, it is **40.5470, 43.0762, 40.3140**.

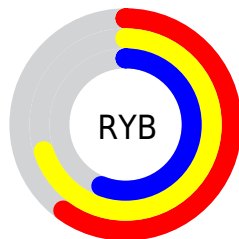
Distribution



Red (70%)

Green (67%)

Blue (56%)



Red (60%)

Yellow (70%)

Blue (56%)

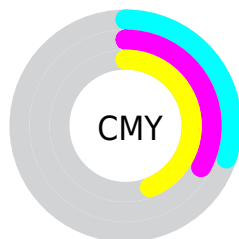


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (30%)



Cyan (30%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3770, 41.1024, 32.2964 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 38.3770, 41.1024, 32.2964 by changing the saturation by 10% instead.


 38.3770, 41.1024,
32.2964


 38.3770, 41.1024,
32.2964


330.4874,
350.7484, 327.0015

 26.4540, 28.3991,
21.3213


 71.9858, 76.8393,
64.3788

 17.2980, 18.6267,
13.1655


 94.4023, 100.6417,
86.3231

 10.5438, 11.4009,
7.4106


121.0472,
128.9126, 112.7609

 5.8260, 6.3371,
3.6379

152.2861,
162.0364, 144.1108

 2.7792, 3.0512,
1.4289

188.4842,
200.3975, 180.7913

 1.0381, 1.1585,
0.1641

230.0069,

 0.0000, 0.0274,

244.3803, 223.2208

0.0000

277.2195,
294.3691, 271.8181

■ 0.0000, 0.0000,
0.0000

■ 38.3770, 41.1024,
32.2964

■ 38.3770, 41.1024,
32.2964

■ 36.4445, 39.2558,
25.4292

■ 40.5470, 43.0762,
40.3140

■ 34.7359, 37.5264,
19.6561

■ 42.9609, 45.1756,
49.5295

■ 33.2410, 35.9115,
14.9198

■ 45.6288, 47.4065,
59.9912

■ 31.9478, 34.4058,
11.1569

■ 48.5595, 49.7725,
71.7437

■ 30.8427, 33.0038,
8.2968

■ 51.7610, 52.2770,
84.8294

■ 29.9104, 31.6991,
6.2597

■ 55.2412, 54.9235,
99.2889

■ 29.1328, 30.4842,
4.9514

■ 56.6184, 56.7594,
102.5793

■ 28.4746, 29.3448,
4.1863

■ 57.4408, 58.4043,
102.8534

■ 28.4461, 29.2949,
4.1552

■ 58.2826, 60.0880,
103.1341

Harmonies

Analogous

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



40.9092, 41.1024, 32.9933



38.3770, 41.1024, 32.2964



36.1277, 41.1024, 34.6413

Triad

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



38.3770, 41.1024, 32.2964



35.3545, 41.1024, 53.9584



43.7739, 41.1024, 50.1535

Complementary

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



38.3770, 41.1024, 32.2964



30.7048, 31.3165, 47.0745

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.



42.1608, 41.1024, 56.6639



38.3770, 41.1024, 32.2964



37.2802, 41.1024, 59.0210

Square

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



38.3770, 41.1024, 32.2964



34.4327, 41.1024, 46.7698



39.7644, 41.1024, 60.0613



44.0987, 41.1024, 42.7961

Rectangle

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



38.3770, 41.1024, 32.2964



35.0654, 41.1024, 37.7806



39.7644, 41.1024, 60.0613



43.3611, 41.1024, 52.5356

Sweetspot

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



38.3781, 41.1042, 32.2973



74.0597, 78.4192, 77.6499



34.1500, 31.7651, 33.6101



16.3477, 17.3210, 16.9748



86.6293, 91.1408, 99.2523



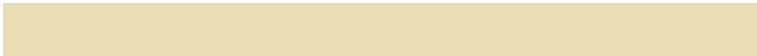
17.0014, 17.8868, 19.4787

Same Dimension

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



38.3781, 41.1042, 32.2973



67.3565, 72.3205, 52.8867



37.4097, 42.6340, 32.6436



9.0499, 9.6123, 9.0309



20.1477, 20.7940, 2.9517



0.6707, 0.7277, 0.1051

Inverse Universe

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



30.7048, 31.3165, 47.0745



51.3611, 51.9191, 83.6955



31.5322, 30.1209, 46.8001



8.1750, 8.4962, 10.7154



6.2289, 3.2582, 30.4376



0.2362, 0.1830, 0.9711

Previews

White Background



This preview shows how the XYZ color 38.3770, 41.1024, 32.2964 looks on a white background.

Color Contrast Check

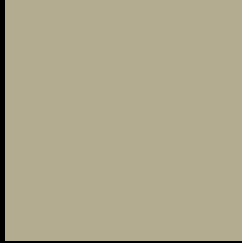
Large Text (above 18pt) WCAG AA × Fail

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 38.3770, 41.1024, 32.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

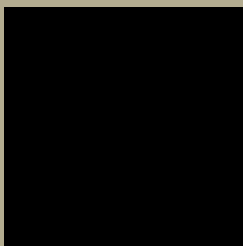
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

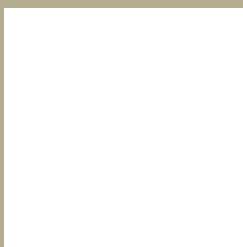
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3770, 41.1024, 32.2964

Background



This preview shows how black text looks on a background with the XYZ color 38.3770, 41.1024, 32.2964.



This preview shows how white text looks on a background with the XYZ color 38.3770, 41.1024,

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

38.3770, 41.1024, 32.2964

Protanopia

38.6530, 40.9632, 32.2550

Deuteranopia

41.8547, 40.9604, 32.4882



Tritanopia

41.8241, 41.1231, 48.9132

Trichromacy



Original Color

38.3770, 41.1024, 32.2964

Protanomaly

38.4193, 40.8427, 32.2441

Deuteranomaly

40.5993, 41.1260, 32.5864

Tritanomaly

40.4544, 41.1110, 42.3623

Monochromacy



Original Color

38.3770, 41.1024, 32.2964

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.4515, 40.6977, 39.5470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3770, 41.1024, 32.2964 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(179, 172, 144)` looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 144)  
}
```

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(179, 172, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 144) }
```

Border

The CSS property to change the border of an element to XYZ 38.3770, 41.1024, 32.2964 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(179, 172, 144) }
```


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

```
.border{ border-color:rgb(179, 172, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 172, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 172, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 172, 144);  
box-shadow:4px 4px 4px 4px rgb(179, 172,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3770, 41.1024, 32.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 144) }
```

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

```
.background{ background-color: rgb(179,  
172, 144) }
```

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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