

Converting Colors

XYZ(37.0343, 38.7792, 30.7325)

Have a look what the booklet for
XYZ(37.0343, 38.7792, 30.7325)
contains.

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Color

**XYZ(37.0343, 38.7792,
30.7325)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A68D
RGB	179, 166, 141
RGB Percent	70%, 65%, 55%
CMY	0.2980, 0.3490, 0.4471
CMYK	0.00, 0.07, 0.21, 0.30
HSL	39°, 20%, 63%
HSV	39°, 21%, 70%
XYZ	37.0343, 38.7792, 30.7325
YIQ	167.0370, 15.7730, -5.0190

Conversions

Conversions Part 2

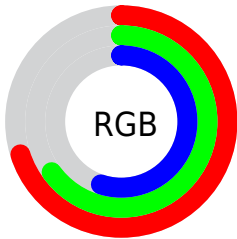
Format	Color
R_{YB}	161, 179, 141
Decimal	11773581
CIE Lab	68.59, 0.58, 14.65
CIE LCh	69, 14.665, 87.738
Yxy	38.7792, 0.3476, 0.3640
Android (android.graphics.Color)	4289963661 (0xFFB3A68D)
YUV	167.0370, -12.8362, 10.4916
Hunter-Lab	62.2729, -2.8221, 14.3307

Details

The XYZ color **37.0343, 38.7792, 30.7325** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6766, 32.0278, 47.2131**, and the grayscale version is **36.8046, 38.7213, 42.1675**.

A 20% lighter version of the original color is **69.9677, 73.3152, 62.0933**, and **16.5098, 17.2256, 12.3522** is the 20% darker color. If you saturate the color by 10%, you get **34.7224, 36.1173, 23.9134**, and if you desaturate by 10%, it is **39.6165, 41.6367, 38.7047**.

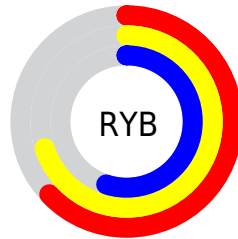
Distribution



Red (70%)

Green (65%)

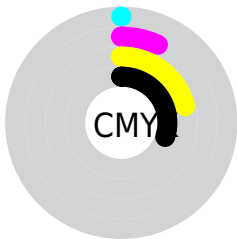
Blue (55%)



Red (63%)

Yellow (70%)

Blue (55%)

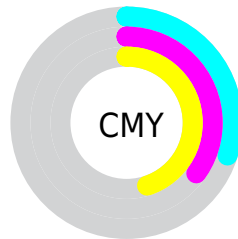


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0343, 38.7792, 30.7325 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 37.0343, 38.7792, 30.7325 by changing the saturation by 10% instead.

■ 37.0343, 38.7792,
30.7325

■ 37.0343, 38.7792,
30.7325

324.8120,
340.9508, 319.6170

■ 25.4078, 26.5880,
20.1385

■ 69.9390, 73.3009,
61.8933

■ 16.5115, 17.2640,
12.3107

■ 91.9480, 96.4002,
83.2972

■ 9.9800, 10.4229,
6.8305

■ 118.1485,
123.9043, 109.1414

■ 5.4478, 5.6803,
3.2795

148.9060,
156.1976, 139.8446

■ 2.5498, 2.6517,
1.2391

184.5857,
193.6645, 175.8251

■ 0.9204, 0.9527,
0.0111

225.5530,

■ 0.0000, 0.0000,

236.6894, 217.5017

0.0000

272.1733,
285.6567, 265.2928

■ 37.0343, 38.7792,
30.7325

■ 37.0343, 38.7792,
30.7325

■ 34.7224, 36.1173,
23.9134

■ 39.6165, 41.6367,
38.7047

■ 32.6668, 33.6401,
18.1904

■ 42.4763, 44.6898,
47.8785

■ 30.8565, 31.3435,
13.5051

■ 45.6245, 47.9453,
58.3026

■ 29.2784, 29.2210,
9.7928

■ 49.0704, 51.4080,
70.0223

■ 27.9183, 27.2656,
6.9815

■ 52.8226, 55.0825,
83.0806

■ 26.7598, 25.4695,
4.9891

■ 56.8897, 58.9732,
97.5184

■ 25.7835, 23.8238,
3.7181

■ 59.4060, 62.3348,
103.5085

■ 25.0432, 22.4892,
3.0209

■ 60.9357, 65.3942,
104.0184

■ 62.5237, 68.5702,
104.5478

Harmonies

Analogous

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



39.2839, 38.7792, 32.3430



37.0343, 38.7792, 30.7325



34.8270, 38.7792, 31.9239

Triad

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



37.0343, 38.7792, 30.7325



33.0605, 38.7792, 48.4340



40.7487, 38.7792, 49.3946

Complementary

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



37.0343, 38.7792, 30.7325



30.6766, 32.0278, 47.2131

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.



38.9674, 38.7792, 54.5307



37.0343, 38.7792, 30.7325



34.5350, 38.7792, 53.9366

Square

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



37.0343, 38.7792, 30.7325



32.5906, 38.7792, 41.7232



36.6832, 38.7792, 56.2730



41.4835, 38.7792, 42.7287

Rectangle

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



37.0343, 38.7792, 30.7325



33.6640, 38.7792, 34.2240



36.6832, 38.7792, 56.2730



40.2489, 38.7792, 51.3825

Sweetspot

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



37.0353, 38.7809, 30.7333



73.5145, 77.3288, 77.4682



33.9734, 30.9770, 34.8920



16.2145, 17.0546, 16.9304



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.



37.0353, 38.7809, 30.7333



64.5345, 67.4134, 49.6743



38.2281, 43.0820, 31.5006



8.9475, 9.4074, 8.9968



17.7589, 16.0164, 2.1555



0.6104, 0.6072, 0.0850

Inverse Universe

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



30.6766, 32.0278, 47.2131



51.3012, 53.3613, 83.9771



29.6409, 28.4803, 46.5830



8.2717, 8.6896, 10.7476



6.9924, 4.7851, 30.6921



0.2756, 0.2617, 0.9842

Previews

White Background



This preview shows how the XYZ color 37.0343, 38.7792, 30.7325 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 37.0343, 38.7792, 30.7325 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

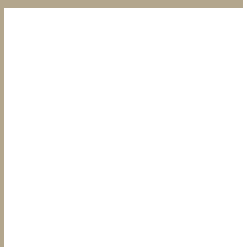
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0343, 38.7792, 30.7325

Background



This preview shows how black text looks on a background with the XYZ color 37.0343, 38.7792, 30.7325.



This preview shows how white text looks on a background with the XYZ color 37.0343, 38.7792,

30.7325.

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

37.0343, 38.7792, 30.7325

Protanopia

36.5309, 38.7906, 30.7613

Deuteranopia

39.3656, 38.6492, 30.9764



Tritanopia

39.9133, 38.6130, 45.3938

Trichromacy



Original Color

37.0343, 38.7792, 30.7325

Protanomaly

36.7579, 38.9076, 30.7719

Deuteranomaly

38.4732, 38.7122, 31.0356

Tritanomaly

38.9102, 38.7481, 39.6108

Monochromacy



Original Color

37.0343, 38.7792, 30.7325

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.7849, 38.7640, 37.8912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0343, 38.7792, 30.7325 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, 166, 141)` looks like.

```
.text, #text, p{  
    color:rgb(179, 166, 141)  
}
```

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, 166, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 166, 141) }
```

Border

The CSS property to change the border of an element to XYZ 37.0343, 38.7792, 30.7325 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, 166, 141) }
```


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

```
.border{ border-color:rgb(179, 166, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 166, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 166, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 166, 141);  
box-shadow:4px 4px 4px 4px rgb(179, 166,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0343, 38.7792, 30.7325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 166, 141) }
```

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

```
.background{ background-color: rgb(179,  
166, 141) }
```

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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