

Converting Colors

XYZ(37.7874, 36.3982, 40.6746)

Have a look what the booklet for
XYZ(37.7874, 36.3982, 40.6746)
contains.

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Color

**XYZ(37.7361, 36.3173,
40.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	B59CA5
RGB	181, 156, 165
RGB Percent	71%, 61%, 65%
CMY	0.2902, 0.3882, 0.3529
CMYK	0.00, 0.14, 0.09, 0.29
HSL	338°, 14%, 66%
HSV	338°, 14%, 71%
XYZ	37.7361, 36.3173, 40.6183
YIQ	164.5010, 12.0110, 8.0990

Conversions

Conversions Part 2

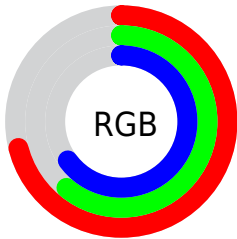
Format	Color
RYB	181, 156, 165
Decimal	11902117
CIELab	66.76, 10.76, -1.28
CIElCh	67, 10.833, 353.206
Yxy	36.3173, 0.3291, 0.3167
Android (android.graphics.Color)	4290092197 (0xFFB59CA5)
YUV	164.5010, 0.2460, 14.4696
Hunter-Lab	60.2638, 6.3117, 2.2228

Details

The XYZ color **37.7361, 36.3173, 40.6183** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.6821, 43.0953, 45.3641**, and the grayscale version is **35.5211, 37.3710, 40.6970**.

A 20% lighter version of the original color is **71.1376, 69.7604, 77.4259**, and **16.9343, 15.8846, 17.7963** is the 20% darker color. If you saturate the color by 10%, you get **33.9152, 30.2870, 34.3756**, and if you desaturate by 10%, it is **42.1072, 43.2942, 47.5166**.

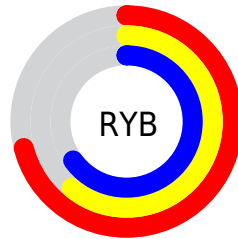
Distribution



Red (71%)

Green (61%)

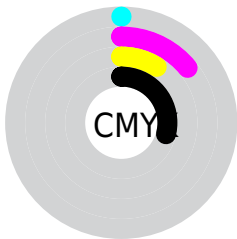
Blue (65%)



Red (71%)

Yellow (61%)

Blue (65%)

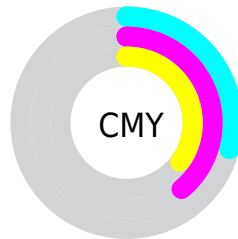


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (29%)



Cyan (29%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7361, 36.3173, 40.6183 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 37.7361, 36.3173, 40.6183 by changing the saturation by 10% instead.

■ 37.7361, 36.3173,
40.6183

■ 37.7361, 36.3173,
40.6183

327.7870,
330.3453, 364.3521

■ 25.9542, 24.6794,
27.7035

■ 71.0100, 69.5215,
77.3515

■ 16.9219, 15.8383,
17.8652

■ 93.2327, 91.8566,
102.0069

■ 10.2738, 9.4098,
10.6848

119.6664,
118.5262, 131.4131

■ 5.6445, 5.0094,
5.7438

150.6764,
149.9146, 165.9883

■ 2.6687, 2.2528,
2.6237

186.6281,
186.4064, 206.1513

■ 0.9811, 0.7486,
0.9046

227.8869,

■ 0.0000, 0.0000,

228.3858, 252.3206

0.0000

274.8181,
276.2373, 304.9147

■ 37.7361, 36.3173,
40.6183

■ 37.7361, 36.3173,
40.6183

■ 33.9152, 30.2870,
34.3756

■ 42.1072, 43.2942,
47.5166

■ 30.6190, 25.1576,
28.7663

■ 47.0466, 51.2513,
55.0872

■ 27.8243, 20.8868,
23.7702

■ 52.5752, 60.2265,
63.3492

■ 25.5053, 17.4269,
19.3649

■ 58.7122, 70.2540,
72.3200

■ 23.6333, 14.7257,
15.5267

■ 65.4756, 81.3669,
82.0164

■ 22.1768, 12.7245,
12.2302

■ 69.7417, 87.3140,
91.4077

■ 21.0996, 11.3561,
9.4472

■ 71.4663, 88.0039,
100.4893

■ 20.3584, 10.5400,
7.1465

■ 72.8663, 88.5639,
107.8618

■ 20.0147, 10.2072,
5.9384

Harmonies

Analogous

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



37.0984, 36.3173, 45.1862



37.7361, 36.3173, 40.6183



37.4901, 36.3173, 36.0998

Triad

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



37.7361, 36.3173, 40.6183



33.2942, 36.3173, 31.8303



32.6692, 36.3173, 47.2025

Complementary

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



37.7361, 36.3173, 40.6183



37.6821, 43.0953, 45.3641

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.



31.7083, 36.3173, 43.1993



37.7361, 36.3173, 40.6183



32.0611, 36.3173, 34.3910

Square

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



37.7361, 36.3173, 40.6183



34.8918, 36.3173, 31.2579



31.4892, 36.3173, 38.4876



34.1479, 36.3173, 49.1770

Rectangle

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



37.7361, 36.3173, 40.6183



36.8617, 36.3173, 33.6926



31.4892, 36.3173, 38.4876



32.2768, 36.3173, 46.0350

Sweetspot

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



37.7371, 36.3189, 40.6191



75.1988, 77.1959, 84.7684



37.2070, 35.8667, 48.6786



16.1200, 16.4714, 18.1141



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.



37.7371, 36.3189, 40.6191



65.0986, 61.1051, 68.7318



37.5136, 37.1367, 36.6453



8.6185, 8.5541, 9.4897



13.8281, 7.0488, 4.2546



0.4636, 0.2332, 0.2841

Inverse Universe

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



37.7371, 36.3189, 40.6191



65.0986, 61.1051, 68.7318



37.9062, 42.1135, 49.8475



8.6185, 8.5541, 9.4897



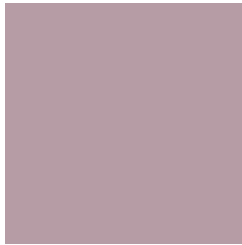
13.8281, 7.0488, 4.2546



0.4636, 0.2332, 0.2841

Previews

White Background



This preview shows how the XYZ color 37.7361, 36.3173, 40.6183 looks on a white background.

Color Contrast Check

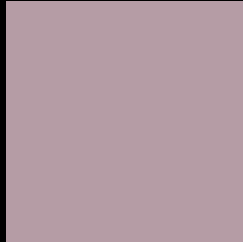
Large Text (above 18pt) WCAG AA × Fail

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 37.7361, 36.3173, 40.6183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

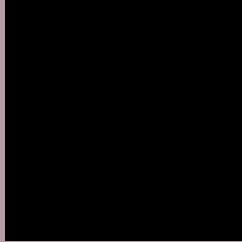
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7361, 36.3173, 40.6183

Background



This preview shows how black text looks on a background with the XYZ color 37.7361, 36.3173, 40.6183.



This preview shows how white text looks on a background with the XYZ color 37.7361, 36.3173,

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

37.7361, 36.3173, 40.6183

Protanopia

35.2981, 36.5603, 42.2422

Deuteranopia

36.9800, 36.1777, 40.6312



Tritanopia

38.0124, 36.4278, 42.0736

Trichromacy



Original Color

37.7361, 36.3173, 40.6183

Protanomaly

36.1234, 36.4777, 41.6962

Deuteranomaly

37.2086, 36.2955, 40.6419

Tritanomaly

37.9196, 36.3907, 41.5847

Monochromacy



Original Color

37.7361, 36.3173, 40.6183

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.5064, 37.2152, 40.8565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7361, 36.3173, 40.6183 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, 156, 165)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 165)  
}
```

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, 156, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 165) }
```

Border

The CSS property to change the border of an element to XYZ 37.7361, 36.3173, 40.6183 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, 156, 165) }
```


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

```
.border{ border-color:rgb(181, 156, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 156, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 165);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7361, 36.3173, 40.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 165) }
```

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

```
.background{ background-color: rgb(181,  
156, 165) }
```

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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