

Converting Colors

XYZ(37.9331, 36.7544, 38.5699)

Have a look what the booklet for
XYZ(37.9331, 36.7544, 38.5699)
contains.

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Color

**XYZ(37.9306, 36.7193,
38.3461)**

Conversions

Conversions Part 1

Format	Color
Hex	B79DA0
RGB	183, 157, 160
RGB Percent	72%, 62%, 63%
CMY	0.2823, 0.3843, 0.3725
CMYK	0.00, 0.14, 0.13, 0.28
HSL	353°, 15%, 67%
HSV	353°, 14%, 72%
XYZ	37.9306, 36.7193, 38.3461
YIQ	165.1160, 14.5330, 6.4450

Conversions

Conversions Part 2

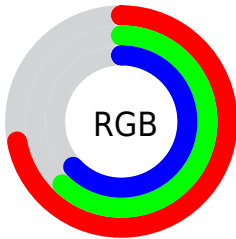
Format	Color
RYB	183, 157, 160
Decimal	12033440
CIELab	67.07, 10.08, 1.98
CIELCh	67, 10.268, 11.115
Yxy	36.7193, 0.3357, 0.3250
Android (android.graphics.Color)	4290223520 (0xFFB79DA0)
YUV	165.1160, -2.5222, 15.6843
Hunter-Lab	60.5965, 5.6890, 4.8982

Details

The XYZ color **37.9306, 36.7193, 38.3461** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.0778, 44.3313, 49.6794**, and the grayscale version is **35.8275, 37.6933, 41.0480**.

A 20% lighter version of the original color is **71.4058, 70.3440, 74.1042**, and **17.1203, 16.1580, 16.6845** is the 20% darker color. If you saturate the color by 10%, you get **33.7381, 30.4549, 30.4099**, and if you desaturate by 10%, it is **42.7734, 43.9882, 47.4100**.

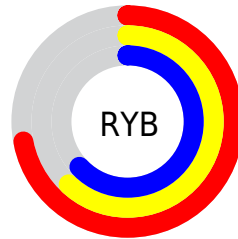
Distribution



Red (72%)

Green (62%)

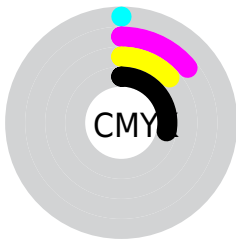
Blue (63%)



Red (72%)

Yellow (62%)

Blue (63%)

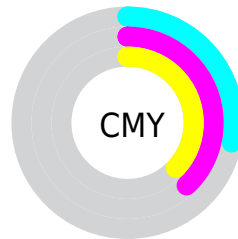


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (28%)



Cyan (28%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9306, 36.7193, 38.3461 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 37.9306, 36.7193, 38.3461 by changing the saturation by 10% instead.


 37.9306, 36.7193,
38.3461


 37.9306, 36.7193,
38.3461


328.6082,
332.0936, 354.4449

 26.1058, 24.9902,
25.9475


 71.3063, 70.1409,
73.8476

 17.0359, 16.0698,
16.5590


 93.5880, 92.6021,
97.7876

 10.3556, 9.5735,
9.7619


120.0860,
119.4096, 126.4118

 5.6994, 5.1171,
5.1379

151.1656,
150.9477, 160.1388

 2.7021, 2.3162,
2.2682

187.1923,
187.6007, 199.3870

 0.9982, 0.7822,
0.7133

228.5314,

 0.0000, 0.0000,

229.7531, 244.5751

0.0000

275.5482,
277.7893, 296.1216

■ 37.9306, 36.7193,
38.3461

■ 37.9306, 36.7193,
38.3461

■ 33.7381, 30.4549,
30.4099

■ 42.7734, 43.9882,
47.4100

■ 30.1651, 25.1463,
23.5550

■ 48.2894, 52.2979,
57.6409

■ 27.1832, 20.7478,
17.7352

■ 54.5041, 61.6890,
69.0792

■ 24.7602, 17.2082,
12.9000

■ 61.4408, 72.1984,
81.7624

■ 22.8610, 14.4713,
8.9947

■ 69.1218, 83.8612,
95.7267

■ 21.4466, 12.4741,
5.9592

■ 73.3386, 88.8074,
107.8839

■ 20.4721, 11.1440,
3.7263

■ 19.8843, 10.3939,
2.2187

■ 19.6649, 10.1219,
1.6314

Harmonies

Analogous

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



37.8194, 36.7193, 42.8295



37.9306, 36.7193, 38.3461



37.2120, 36.7193, 34.5888

Triad

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



37.9306, 36.7193, 38.3461



32.9631, 36.7193, 33.8461



33.9377, 36.7193, 48.6819

Complementary

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



37.9306, 36.7193, 38.3461



39.0778, 44.3313, 49.6794

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.



32.6870, 36.7193, 45.9066



37.9306, 36.7193, 38.3461



32.1360, 36.7193, 37.2618

Square

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



37.9306, 36.7193, 38.3461



34.3249, 36.7193, 32.1227



32.0364, 36.7193, 41.6619



35.4826, 36.7193, 49.0267

Rectangle

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



37.9306, 36.7193, 38.3461



36.3712, 36.7193, 32.9143



32.0364, 36.7193, 41.6619



33.4702, 36.7193, 47.9932

Sweetspot

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



37.9316, 36.7209, 38.3469



76.7352, 78.9761, 85.1509



39.4200, 37.2338, 49.9094



16.7948, 17.2123, 18.5208



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.



37.9316, 36.7209, 38.3469



65.5033, 62.1275, 64.0954



39.4280, 40.1282, 37.5677



9.0456, 9.0286, 9.5875



13.7320, 7.0666, 1.2095



0.4980, 0.2547, 0.1158

Inverse Universe

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



37.9316, 36.7209, 38.3469



65.5033, 62.1275, 64.0954



37.4032, 40.4883, 50.6439



9.0456, 9.0286, 9.5875



13.7320, 7.0666, 1.2095



0.4980, 0.2547, 0.1158

Previews

White Background



This preview shows how the XYZ color 37.9306, 36.7193, 38.3461 looks on a white background.

Color Contrast Check

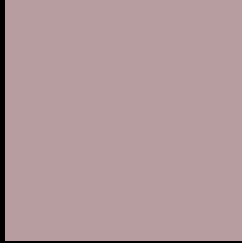
Large Text (above 18pt) WCAG AA × Fail

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 37.9306, 36.7193, 38.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

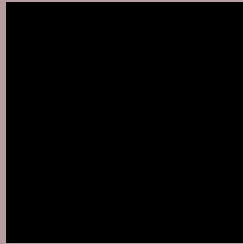
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9306, 36.7193, 38.3461

Background



This preview shows how black text looks on a background with the XYZ color 37.9306, 36.7193, 38.3461.



This preview shows how white text looks on a background with the XYZ color 37.9306, 36.7193,

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

37.9306, 36.7193, 38.3461

Protanopia

35.4339, 36.9457, 39.9140

Deuteranopia

37.3944, 36.6951, 38.3697



Tritanopia

38.7235, 36.7944, 42.1069

Trichromacy



Original Color

37.9306, 36.7193, 38.3461

Protanomaly

36.2797, 36.8690, 39.3867

Deuteranomaly

37.6281, 36.8155, 38.3806

Tritanomaly

38.4472, 36.6839, 40.6516

Monochromacy



Original Color

37.9306, 36.7193, 38.3461

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.5444, 37.2557, 39.9153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9306, 36.7193, 38.3461 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, 157, 160)` looks like.

```
.text, #text, p{  
    color:rgb(183, 157, 160)  
}
```

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, 157, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 157, 160) }
```

Border

The CSS property to change the border of an element to XYZ 37.9306, 36.7193, 38.3461 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, 157, 160) }
```


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

```
.border{ border-color:rgb(183, 157, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 157, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 157, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 157, 160);  
box-shadow:4px 4px 4px 4px rgb(183, 157,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9306, 36.7193, 38.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 157, 160) }
```

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

```
.background{ background-color: rgb(183,  
157, 160) }
```

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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