

Converting Colors

XYZ(38.3096, 37.5354, 35.2773)

Have a look what the booklet for
XYZ(38.3096, 37.5354, 35.2773)
contains.

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Color

**XYZ(38.3976, 37.5353,
35.3583)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9F99
RGB	186, 159, 153
RGB Percent	73%, 62%, 60%
CMY	0.2706, 0.3765, 0.4000
CMYK	0.00, 0.15, 0.18, 0.27
HSL	11°, 19%, 66%
HSV	11°, 18%, 73%
XYZ	38.3976, 37.5353, 35.3583
YIQ	166.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

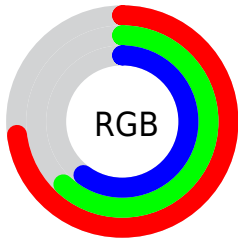
Format	Color
RYB	186, 160, 153
Decimal	12230553
CIELab	67.68, 8.95, 6.80
CIELCh	68, 11.238, 37.237
Yxy	37.5353, 0.3450, 0.3373
Android (android.graphics.Color)	4290420633 (0xFFBA9F99)
YUV	166.3890, -6.6008, 17.1988
Hunter-Lab	61.2661, 4.6566, 8.6684

Details

The XYZ color **38.3976, 37.5353, 35.3583** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.3208, 42.9590, 52.7268**, and the grayscale version is **36.4595, 38.3582, 41.7721**.

A 20% lighter version of the original color is **71.9270, 71.4754, 69.0366**, and **17.2766, 16.5900, 14.8620** is the 20% darker color. If you saturate the color by 10%, you get **34.5222, 32.0541, 27.0688**, and if you desaturate by 10%, it is **42.8367, 43.7599, 45.0181**.

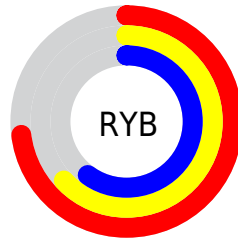
Distribution



Red (73%)

Green (62%)

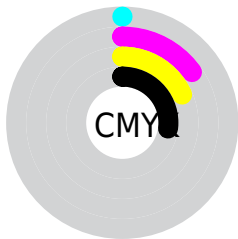
Blue (60%)



Red (73%)

Yellow (63%)

Blue (60%)

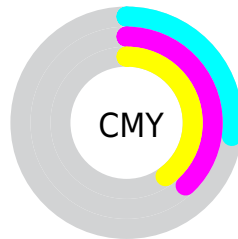


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3976, 37.5353, 35.3583 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 38.3976, 37.5353, 35.3583 by changing the saturation by 10% instead.


 38.3976, 37.5353,
35.3583


 38.3976, 37.5353,
35.3583


330.5739,
335.6223, 341.0992

 26.4700, 25.6222,
23.6532


 72.0171, 71.3953,
69.1983

 17.3101, 16.5412,
14.8668


 94.4398, 94.1110,
92.1704

 10.5525, 9.9080,
8.5804


121.0915,
121.1964, 119.7352

 5.8319, 5.3380,
4.3754

152.3377,
153.0359, 152.3112

 2.7828, 2.4469,
1.8335

188.5437,
190.0138, 190.3171

 1.0400, 0.8499,
0.4499

230.0748,

 0.0000, 0.0000,

232.5146, 234.1714

0.0000

277.2965,
280.9226, 284.2926

■ 38.3976, 37.5353,
35.3583

■ 38.3976, 37.5353,
35.3583

■ 34.5222, 32.0541,
27.0688

■ 42.8367, 43.7599,
45.0181

■ 31.1847, 27.2835,
20.0851

■ 47.8579, 50.7492,
56.1039

■ 28.3618, 23.1958,
14.3409

■ 53.4823, 58.5298,
68.6713

■ 26.0274, 19.7594,
9.7634

■ 59.7294, 67.1254,
82.7723

■ 24.1529, 16.9402,
6.2719

■ 66.6175, 76.5589,
98.4562

■ 22.7065, 14.7010,
3.7755

■ 72.5794, 86.2182,
107.4242

■ 21.6525, 13.0003,
2.1683

■ 74.0598, 89.1792,
107.9177

■ 20.9430, 11.7887,
1.2923

■ 20.8172, 11.5740,
1.1368

Harmonies

Analogous

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



39.0878, 37.5353, 39.6781



38.3976, 37.5353, 35.3583



36.9821, 37.5353, 32.6800

Triad

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



38.3976, 37.5353, 35.3583



32.6885, 37.5353, 37.2845



36.0980, 37.5353, 51.0954

Complementary

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



38.3976, 37.5353, 35.3583



38.3208, 42.9590, 52.7268

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.



34.4014, 37.5353, 50.3243



38.3976, 37.5353, 35.3583



32.4691, 37.5353, 42.0846

Square

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



38.3976, 37.5353, 35.3583



33.6960, 37.5353, 33.7276



33.0865, 37.5353, 46.9257



37.7325, 37.5353, 48.9546

Rectangle

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



38.3976, 37.5353, 35.3583



35.8372, 37.5353, 32.0528



33.0865, 37.5353, 46.9257



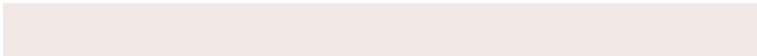
35.5157, 37.5353, 51.1708

Sweetspot

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



38.3986, 37.5370, 35.3591



79.9588, 82.5478, 86.6832



39.9306, 36.5378, 48.3958



17.4712, 17.9873, 18.7876



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.3986, 37.5370, 35.3591



66.9505, 64.3019, 58.3911



41.3298, 43.3993, 36.3361



9.1333, 9.2695, 9.4147



14.0457, 7.8678, 0.7784



0.5356, 0.3584, 0.0409

Inverse Universe

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



38.3208, 42.9590, 52.7268



66.7830, 75.8262, 95.3175



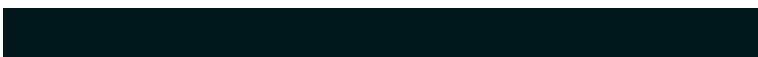
35.2757, 36.8689, 51.7118



9.1240, 9.9252, 11.5143



13.5846, 17.6289, 33.9398



0.5155, 0.6948, 1.2087

Previews

White Background



This preview shows how the XYZ color 38.3976, 37.5353, 35.3583 looks on a white background.

Color Contrast Check

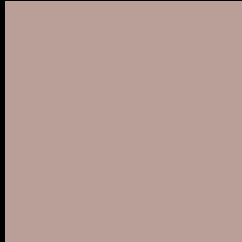
Large Text (above 18pt) WCAG AA × Fail

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 38.3976, 37.5353, 35.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

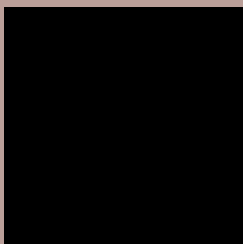
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3976, 37.5353, 35.3583

Background



This preview shows how black text looks on a background with the XYZ color 38.3976, 37.5353, 35.3583.



This preview shows how white text looks on a background with the XYZ color 38.3976, 37.5353,

35.3583.

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

38.3976, 37.5353, 35.3583

Protanopia

35.8538, 37.4973, 36.8005

Deuteranopia

38.1555, 37.4105, 35.3469



Tritanopia

39.9574, 37.6699, 42.7011

Trichromacy



Original Color

38.3976, 37.5353, 35.3583

Protanomaly

36.7412, 37.4373, 36.3000

Deuteranomaly

38.1555, 37.4105, 35.3469

Tritanomaly

39.3312, 37.6629, 39.8470

Monochromacy



Original Color

38.3976, 37.5353, 35.3583

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7638, 37.6518, 39.0481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3976, 37.5353, 35.3583 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(186, 159, 153)` looks like.

```
.text, #text, p{  
    color:rgb(186, 159, 153)  
}
```

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(186, 159, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 159, 153) }
```

Border

The CSS property to change the border of an element to XYZ 38.3976, 37.5353, 35.3583 is called "border". The border property can be set on classes, ids or directly on the HTML element.

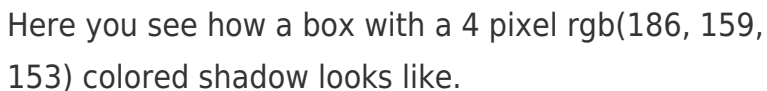
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 159, 153) }
```


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

```
.border{ border-color:rgb(186, 159, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 159, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 159, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 159, 153); box-shadow:4px 4px 4px 4px rgb(186, 159, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3976, 37.5353, 35.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 159, 153) }
```

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

```
.background{ background-color: rgb(186,  
159, 153) }
```

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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