

Converting Colors

XYZ(38.4627, 35.7158, 43.5009)

Have a look what the booklet for
XYZ(38.4627, 35.7158, 43.5009)
contains.

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Color

**XYZ(38.3461, 35.5871,
43.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	B898AB
RGB	184, 152, 171
RGB Percent	72%, 60%, 67%
CMY	0.2784, 0.4039, 0.3294
CMYK	0.00, 0.17, 0.07, 0.28
HSL	324°, 18%, 66%
HSV	324°, 17%, 72%
XYZ	38.3461, 35.5871, 43.3760
YIQ	163.7340, 12.9730, 12.6930

Conversions

Conversions Part 2

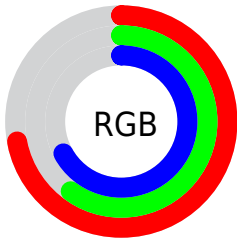
Format	Color
RYB	184, 152, 171
Decimal	12097707
CIELab	66.20, 15.13, -5.43
CIElCh	66, 16.078, 340.256
Yxy	35.5871, 0.3269, 0.3034
Android (android.graphics.Color)	4290287787 (0xFFB898AB)
YUV	163.7340, 3.5821, 17.7733
Hunter-Lab	59.6549, 10.3434, -1.3522

Details

The XYZ color **38.3461, 35.5871, 43.3760** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8823, 43.6740, 42.0854**, and the grayscale version is **35.1403, 36.9703, 40.2607**.

A 20% lighter version of the original color is **71.7340, 68.1589, 81.3267**, and **17.3435, 15.4646, 19.5236** is the 20% darker color. If you saturate the color by 10%, you get **34.8959, 29.7947, 38.8093**, and if you desaturate by 10%, it is **42.3019, 42.3253, 48.3110**.

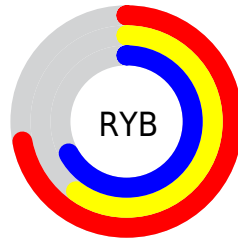
Distribution



Red (72%)

Green (60%)

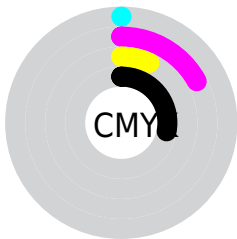
Blue (67%)



Red (72%)

Yellow (60%)

Blue (67%)

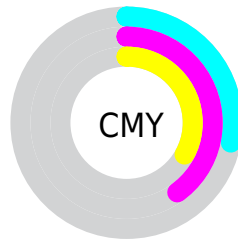


Cyan (0%)

Magenta (17%)

Yellow (7%)

Black (28%)



Cyan (28%)


Magenta (40%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3461, 35.5871, 43.3760 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 38.3461, 35.5871, 43.3760 by changing the saturation by 10% instead.


 38.3461, 35.5871,
43.3760


 38.3461, 35.5871,
43.3760

330.3576,
327.1522, 376.1223

 26.4298, 24.1155,
29.8467

 71.9388, 68.3943,
81.5704

 17.2799, 15.4193,
19.4712


 94.3459, 90.4986,
107.0725

 10.5308, 9.1142,
11.8310


120.9808,
116.9160, 137.4026

 5.8172, 4.8157,
6.5075

152.2086,
148.0308, 172.9793

 2.7739, 2.1396,
3.0823

188.3949,
184.2275, 214.2211

 1.0353, 0.6867,
1.1368

229.9049,

 0.0000, 0.0000,

225.8903, 261.5465

0.0000

277.1040,
273.4038, 315.3741

■ 38.3461, 35.5871,
43.3760

■ 38.3461, 35.5871,
43.3760

■ 34.8959, 29.7947,
38.8093

■ 42.3019, 42.3253,
48.3110

■ 31.9264, 24.9005,
34.5980

■ 46.7809, 50.0448,
53.6220

■ 29.4148, 20.8600,
30.7316

■ 51.8034, 58.7848,
59.3193

■ 27.3356, 17.6228,
27.1982

■ 57.3878, 68.5810,
65.4122

■ 25.6602, 15.1333,
23.9848

■ 63.5516, 79.4676,
71.9093

■ 24.3567, 13.3286,
21.0770

■ 67.9035, 86.6609,
78.0165

■ 23.3879, 12.1354,
18.4588

■ 68.8915, 87.0561,
83.2194

■ 22.6995, 11.4467,
16.1081

■ 69.9241, 87.4691,
88.6568

■ 22.5408, 11.2998,
15.5296

■ 71.0017, 87.9002,
94.3318

Harmonies

Analogous

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



36.8881, 35.5871, 49.7087



38.3461, 35.5871, 43.3760



38.5608, 35.5871, 36.4474

Triad

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



38.3461, 35.5871, 43.3760



33.0112, 35.5871, 27.1665



30.4307, 35.5871, 47.9099

Complementary

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



38.3461, 35.5871, 43.3760



36.8823, 43.6740, 42.0854

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.



29.4928, 35.5871, 41.1441



38.3461, 35.5871, 43.3760



30.9354, 35.5871, 29.5305

Square

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



38.3461, 35.5871, 43.3760



35.4039, 35.5871, 27.6145



29.6730, 35.5871, 34.4620



32.2927, 35.5871, 52.5327

Rectangle

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



38.3461, 35.5871, 43.3760



37.9597, 35.5871, 32.4763



29.6730, 35.5871, 34.4620



30.0010, 35.5871, 45.7800

Sweetspot

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



38.3471, 35.5887, 43.3768



78.4694, 79.7913, 89.7345



35.3569, 33.8968, 50.0272



16.7988, 16.9993, 19.2033



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.



38.3471, 35.5887, 43.3768



66.9281, 60.1519, 75.2724



36.9299, 35.0218, 35.9137



9.2223, 9.0993, 10.5180



15.5705, 7.8020, 10.8911



0.5787, 0.2870, 0.5411

Inverse Universe

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



38.3471, 35.5887, 43.3768



66.9281, 60.1519, 75.2724



38.4105, 44.2853, 50.1327



9.2223, 9.0993, 10.5180



15.5705, 7.8020, 10.8911



0.5787, 0.2870, 0.5411

Previews

White Background



This preview shows how the XYZ color 38.3461, 35.5871, 43.3760 looks on a white background.

Color Contrast Check

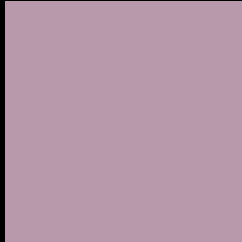
Large Text (above 18pt) WCAG AA × Fail

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 38.3461, 35.5871, 43.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

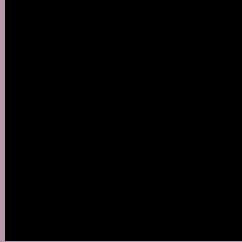
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3461, 35.5871, 43.3760

Background



This preview shows how black text looks on a background with the XYZ color 38.3461, 35.5871, 43.3760.



This preview shows how white text looks on a background with the XYZ color 38.3461, 35.5871,

43.3760.

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

38.3461, 35.5871, 43.3760

Protanopia

34.9045, 35.7498, 46.1350

Deuteranopia

36.3777, 35.5635, 42.9773



Tritanopia

37.7112, 35.5664, 40.4747

Trichromacy



Original Color

38.3461, 35.5871, 43.3760

Protanomaly

36.0591, 35.6050, 45.0163

Deuteranomaly

37.1085, 35.6921, 42.9636

Tritanomaly

37.8947, 35.6398, 41.4411

Monochromacy



Original Color

38.3461, 35.5871, 43.3760

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.3404, 36.5896, 41.7064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3461, 35.5871, 43.3760 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(184, 152, 171)` looks like.

```
.text, #text, p{  
    color:rgb(184, 152, 171)  
}
```

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(184, 152, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 152, 171) }
```

Border

The CSS property to change the border of an element to XYZ 38.3461, 35.5871, 43.3760 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(184, 152, 171) }
```


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

```
.border{ border-color:rgb(184, 152, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 152, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 152, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 152, 171);  
box-shadow:4px 4px 4px 4px rgb(184, 152,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3461, 35.5871, 43.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 152, 171) }
```

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

```
.background{ background-color: rgb(184,  
152, 171) }
```

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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