

Converting Colors

XYZ(38.5098, 36.9236, 42.6334)

Have a look what the booklet for
XYZ(38.5098, 36.9236, 42.6334)
contains.

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Color

**XYZ(38.5098, 36.9236,
42.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	B69DA9
RGB	182, 157, 169
RGB Percent	71%, 62%, 66%
CMY	0.2863, 0.3843, 0.3373
CMYK	0.00, 0.14, 0.07, 0.29
HSL	331°, 15%, 66%
HSV	331°, 14%, 71%
XYZ	38.5098, 36.9236, 42.6334
YIQ	165.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

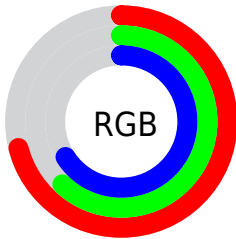
Format	Color
R_{YB}	182, 157, 169
Decimal	11967913
CIE _{Lab}	67.22, 11.28, -2.83
CIE _{LCh}	67, 11.628, 345.892
Yxy	36.9236, 0.3262, 0.3127
Android (android.graphics.Color)	4290157993 (0xFFB69DA9)
YUV	165.8430, 1.5564, 14.1697
Hunter-Lab	60.7648, 6.7863, 0.9367

Details

The XYZ color **38.5098, 36.9236, 42.6334** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8897, 43.5272, 44.4369**, and the grayscale version is **36.1596, 38.0427, 41.4285**.

A 20% lighter version of the original color is **72.2579, 70.6459, 80.3486**, and **17.4182, 16.2595, 19.0500** is the 20% darker color. If you saturate the color by 10%, you get **34.8005, 30.8756, 37.1706**, and if you desaturate by 10%, it is **42.7442, 43.9179, 48.5895**.

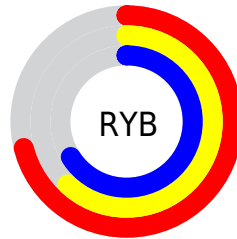
Distribution



Red (71%)

Green (62%)

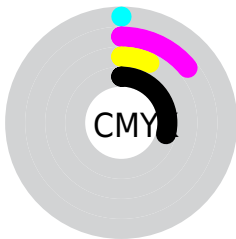
Blue (66%)



Red (71%)

Yellow (62%)

Blue (66%)

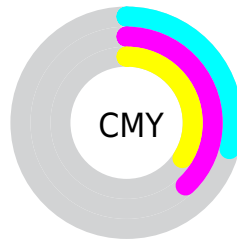


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5098, 36.9236, 42.6334 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 38.5098, 36.9236, 42.6334 by changing the saturation by 10% instead.

■ 38.5098, 36.9236,
42.6334

■ 38.5098, 36.9236,
42.6334

331.0450,
332.9796, 372.9788

■ 26.5576, 25.1483,
29.2683

■ 72.1877, 70.4553,
80.4378

■ 17.3761, 16.1876,
19.0366

■ 94.6442, 92.9805,
105.7141

■ 10.6000, 9.6570,
11.5196

121.3328,
119.8578, 135.7980

■ 5.8638, 5.1721,
6.2989

152.6188,
151.4716, 171.1079

■ 2.8023, 2.3486,
2.9560

188.8677,
188.2063, 212.0624

■ 1.0501, 0.7993,
1.0722

230.4448,

■ 0.0000, 0.0000,

230.4462, 259.0800

0.0000

277.7155,
278.5759, 312.5793

■ 38.5098, 36.9236,
42.6334

■ 38.5098, 36.9236,
42.6334

■ 34.8005, 30.8756,
37.1706

■ 42.7442, 43.9179,
48.5895

■ 31.5917, 25.7282,
32.1850

■ 47.5209, 51.8921,
55.0498

■ 28.8612, 21.4389,
27.6626

■ 52.8600, 60.8842,
62.0278

■ 26.5840, 17.9601,
23.5881

■ 58.7797, 70.9284,
69.5356

■ 24.7328, 15.2392,
19.9448

■ 65.2975, 82.0578,
77.5849

■ 23.2769, 13.2176,
16.7150

■ 68.7506, 86.9448,
84.9607

■ 22.1813, 11.8280,
13.8788

■ 70.0843, 87.4783,
91.9837

■ 21.4042, 10.9892,
11.4139

■ 71.4908, 88.0408,
99.3902

■ 21.0262, 10.6390,
10.0370

■ 72.9712, 88.6330,
107.1858

Harmonies

Analogous

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



37.6027, 36.9236, 47.3974



38.5098, 36.9236, 42.6334



38.4806, 36.9236, 37.5862

Triad

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



38.5098, 36.9236, 42.6334



34.1686, 36.9236, 31.5167



32.7726, 36.9236, 47.6378

Complementary

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



38.5098, 36.9236, 42.6334



37.8897, 43.5272, 44.4369

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.



31.9137, 36.9236, 42.9397



38.5098, 36.9236, 42.6334



32.7009, 36.9236, 33.7771

Square

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



38.5098, 36.9236, 42.6334



35.9333, 36.9236, 31.4498



31.8879, 36.9236, 37.8678



34.2694, 36.9236, 50.4473

Rectangle

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



38.5098, 36.9236, 42.6334



37.9328, 36.9236, 34.7414



31.8879, 36.9236, 37.8678



32.4019, 36.9236, 46.2101

Sweetspot

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



38.5109, 36.9252, 42.6342



77.2225, 79.1710, 87.7169



37.0614, 36.0299, 49.2576



16.9214, 17.2630, 19.1878



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.



38.5109, 36.9252, 42.6342



68.0247, 64.0035, 74.6988



37.5061, 36.6363, 36.9950



9.1793, 9.0821, 10.2916



14.8816, 7.5264, 7.2631



0.5559, 0.2778, 0.4209

Inverse Universe

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



38.5109, 36.9252, 42.6342



68.0247, 64.0035, 74.6988



38.9920, 43.8318, 50.6617



9.1793, 9.0821, 10.2916



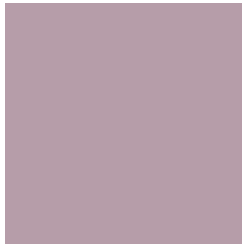
14.8816, 7.5264, 7.2631



0.5559, 0.2778, 0.4209

Previews

White Background



This preview shows how the XYZ color 38.5098, 36.9236, 42.6334 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 38.5098, 36.9236, 42.6334 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 38.5098, 36.9236, 42.6334

Background



This preview shows how black text looks on a background with the XYZ color 38.5098, 36.9236, 42.6334.



This preview shows how white text looks on a background with the XYZ color 38.5098, 36.9236,

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

38.5098, 36.9236, 42.6334

Protanopia

35.8534, 37.0655, 44.2944

Deuteranopia

37.6910, 37.0080, 42.6928



Tritanopia

38.5098, 36.9236, 42.6334

Trichromacy



Original Color

38.5098, 36.9236, 42.6334

Protanomaly

36.8901, 37.0879, 43.7424

Deuteranomaly

37.9787, 36.9020, 42.6572

Tritanomaly

38.5098, 36.9236, 42.6334

Monochromacy



Original Color

38.5098, 36.9236, 42.6334

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.0855, 37.7551, 41.8921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5098, 36.9236, 42.6334 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(182, 157, 169)` looks like.

```
.text, #text, p{  
    color:rgb(182, 157, 169)  
}
```

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(182, 157, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 157, 169) }
```

Border

The CSS property to change the border of an element to XYZ 38.5098, 36.9236, 42.6334 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(182, 157, 169) }
```


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

```
.border{ border-color:rgb(182, 157, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 157, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 157, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 157, 169);  
box-shadow:4px 4px 4px 4px rgb(182, 157,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5098, 36.9236, 42.6334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 157, 169) }
```

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

```
.background{ background-color: rgb(182,  
157, 169) }
```

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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