

Converting Colors

XYZ(37.1125, 35.0481, 42.4086)

Have a look what the booklet for
XYZ(37.1125, 35.0481, 42.4086)
contains.

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Color

**XYZ(36.9801, 34.9048,
42.3243)**

Conversions

Conversions Part 1

Format	Color
Hex	B398A9
RGB	179, 152, 169
RGB Percent	70%, 60%, 66%
CMY	0.2980, 0.4039, 0.3373
CMYK	0.00, 0.15, 0.06, 0.30
HSL	322°, 15%, 65%
HSV	322°, 15%, 70%
XYZ	36.9801, 34.9048, 42.3243
YIQ	162.0110, 10.6350, 11.0110

Conversions

Conversions Part 2

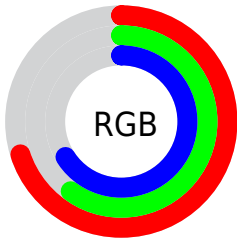
Format	Color
RYB	179, 152, 169
Decimal	11770025
CIELab	65.67, 12.97, -5.14
CIElCh	66, 13.955, 338.369
Yxy	34.9048, 0.3238, 0.3056
Android (android.graphics.Color)	4289960105 (0xFFB398A9)
YUV	162.0110, 3.4456, 14.8994
Hunter-Lab	59.0803, 8.3379, -1.1183

Details

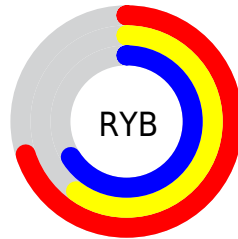
The XYZ color **36.9801, 34.9048, 42.3243** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5920, 41.5252, 40.3238**, and the grayscale version is **34.3296, 36.1174, 39.3318**.

A 20% lighter version of the original color is **69.7868, 67.1866, 79.8112**, and **16.4688, 15.0273, 18.8622** is the 20% darker color. If you saturate the color by 10%, you get **33.6847, 29.2847, 38.2324**, and if you desaturate by 10%, it is **40.7475, 41.4175, 46.7301**.

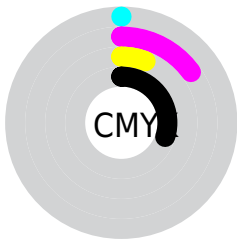
Distribution



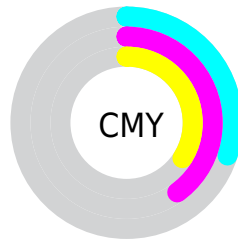
- Red (70%)
- Green (60%)
- Blue (66%)



- Red (70%)
- Yellow (60%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (30%)





- Cyan (30%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.9801, 34.9048, 42.3243 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 36.9801, 34.9048, 42.3243 by changing the saturation by 10% instead.


 36.9801, 34.9048,
42.3243


 36.9801, 34.9048,
42.3243

324.5814,
324.1479, 371.6648

 25.3657, 23.5896,
29.0278


 69.8562, 67.3383,
79.9656

 16.4799, 15.0294,
18.8561


 91.8486, 89.2253,
105.1475

 9.9574, 8.8400,
11.3906


118.0311,
115.4050, 135.1283

 5.4327, 4.6370,
6.2127

148.7689,
146.2618, 170.3266

 2.5407, 2.0359,
2.9040

184.4275,
182.1801, 211.1608

 0.9158, 0.6282,
1.0458

225.3722,

 0.0000, 0.0000,

223.5443, 258.0495

0.0000

271.9684,
270.7388, 311.4114

■ 36.9801, 34.9048,
42.3243

■ 36.9801, 34.9048,
42.3243

■ 33.6847, 29.2847,
38.2324

■ 40.7475, 41.4175,
46.7301

■ 30.8383, 24.5132,
34.4432

■ 45.0028, 48.8551,
51.4562

■ 28.4204, 20.5496,
30.9481

■ 49.7646, 57.2538,
56.5113

■ 26.4075, 17.3479,
27.7366

■ 55.0498, 66.6468,
61.9031

■ 24.7739, 14.8574,
24.7980

■ 60.8745, 77.0653,
67.6393

■ 23.4909, 13.0213,
22.1200

■ 65.8326, 85.6966,
73.2531

■ 22.5252, 11.7739,
19.6890

■ 66.6698, 86.0315,
77.6617

■ 21.8360, 11.0349,
17.4887

■ 67.5416, 86.3802,
82.2524

■ 21.5542, 10.7692,
16.4756

■ 68.4483, 86.7429,
87.0273

Harmonies

Analogous

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



35.6856, 34.9048, 47.5699



36.9801, 34.9048, 42.3243



37.2342, 34.9048, 36.3844

Triad

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



36.9801, 34.9048, 42.3243



32.6050, 34.9048, 27.8872



30.1780, 34.9048, 45.4591

Complementary

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



36.9801, 34.9048, 42.3243



35.5920, 41.5252, 40.3238

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.



29.4239, 34.9048, 39.6738



36.9801, 34.9048, 42.3243



30.7868, 34.9048, 29.8174

Square

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



36.9801, 34.9048, 42.3243



34.6516, 34.9048, 28.4402



29.6421, 34.9048, 33.9908



31.7428, 34.9048, 49.5056

Rectangle

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



36.9801, 34.9048, 42.3243



36.7698, 34.9048, 32.8856



29.6421, 34.9048, 33.9908



29.8243, 34.9048, 43.6308

Sweetspot

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



36.9811, 34.9063, 42.3250



72.9750, 74.1735, 83.6893



34.2464, 33.3839, 47.2871



16.0576, 16.2420, 18.4159



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.



36.9811, 34.9063, 42.3250



64.2389, 59.1007, 73.3800



35.7869, 34.4286, 36.0362



8.7138, 8.5923, 9.9915



15.2632, 7.6228, 11.8120



0.5073, 0.2507, 0.5140

Inverse Universe

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



36.9811, 34.9063, 42.3250



64.2389, 59.1007, 73.3800



36.8474, 42.0274, 46.9345



8.7138, 8.5923, 9.9915



15.2632, 7.6228, 11.8120



0.5073, 0.2507, 0.5140

Previews

White Background



This preview shows how the XYZ color 36.9801, 34.9048, 42.3243 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 36.9801, 34.9048, 42.3243 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

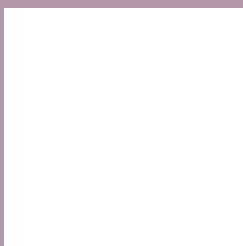
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.9801, 34.9048, 42.3243

Background



This preview shows how black text looks on a background with the XYZ color 36.9801, 34.9048, 42.3243.



This preview shows how white text looks on a background with the XYZ color 36.9801, 34.9048,

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

36.9801, 34.9048, 42.3243

Protanopia

34.2390, 35.1843, 44.5218

Deuteranopia

35.5838, 34.9278, 41.9121



Tritanopia

36.5429, 34.9641, 40.4200

Trichromacy



Original Color

36.9801, 34.9048, 42.3243

Protanomaly

35.0607, 34.8625, 43.9110

Deuteranomaly

36.0790, 34.9370, 41.8877

Tritanomaly

36.6343, 35.0006, 40.9014

Monochromacy



Original Color

36.9801, 34.9048, 42.3243

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.1668, 35.4952, 40.5951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.9801, 34.9048, 42.3243 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(179, 152, 169)` looks like.

```
.text, #text, p{  
    color:rgb(179, 152, 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(179, 152, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 152, 169) }
```

Border

The CSS property to change the border of an element to XYZ 36.9801, 34.9048, 42.3243 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(179, 152, 169) }
```


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

```
.border{ border-color:rgb(179, 152, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 152, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 152, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 152, 169);  
box-shadow:4px 4px 4px 4px rgb(179, 152,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 36.9801, 34.9048, 42.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 152, 169) }
```

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

```
.background{ background-color: rgb(179,  
152, 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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