

Converting Colors

XYZ(37.5422, 35.2788, 34.3697)

Have a look what the booklet for
XYZ(37.5422, 35.2788, 34.3697)
contains.

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Color

**XYZ(37.6348, 35.4148,
34.5579)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9898
RGB	188, 152, 152
RGB Percent	74%, 60%, 60%
CMY	0.2627, 0.4039, 0.4039
CMYK	0.00, 0.19, 0.19, 0.26
HSL	0°, 21%, 67%
HSV	0°, 19%, 74%
XYZ	37.6348, 35.4148, 34.5579
YIQ	162.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

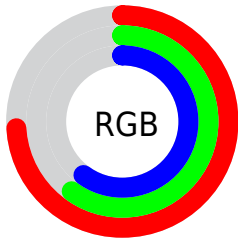
Format	Color
RYB	188, 152, 152
Decimal	12359832
CIELab	66.07, 13.41, 5.08
CIElCh	66, 14.336, 20.737
Yxy	35.4148, 0.3497, 0.3291
Android (android.graphics.Color)	4290549912 (0xFFBC9898)
YUV	162.7640, -5.3067, 22.1320
Hunter-Lab	59.5103, 8.7417, 7.2273

Details

The XYZ color **37.6348, 35.4148, 34.5579** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0089, 46.2717, 54.4001**, and the grayscale version is **34.7194, 36.5275, 39.7784**.

A 20% lighter version of the original color is **70.8681, 68.0113, 67.7849**, and **16.8342, 15.3153, 14.3808** is the 20% darker color. If you saturate the color by 10%, you get **33.4026, 29.2220, 26.1431**, and if you desaturate by 10%, it is **42.5966, 42.6755, 44.4209**.

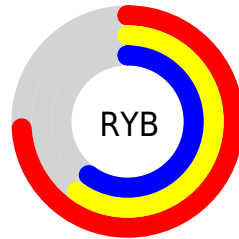
Distribution



Red (74%)

Green (60%)

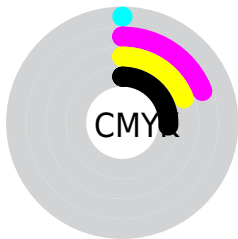
Blue (60%)



Red (74%)

Yellow (60%)

Blue (60%)

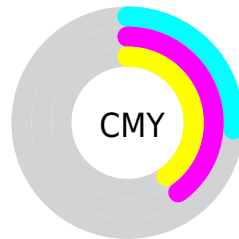


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6348, 35.4148, 34.5579 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 37.6348, 35.4148, 34.5579 by changing the saturation by 10% instead.


 37.6348, 35.4148,
34.5579


 37.6348, 35.4148,
34.5579


327.3588,
326.3955, 337.4574

 25.8753, 23.9826,
23.0417


 70.8556, 68.1279,
67.9441

 16.8626, 15.3207,
14.4187

 93.0475, 90.1775,
90.6512

 10.2312, 9.0448,
8.2704


119.4477,
116.5350, 117.9256

 5.6160, 4.7704,
4.1782

150.4214,
147.5849, 150.1860

 2.6514, 2.1132,
1.7236

186.3340,
183.7115, 187.8508

 0.9722, 0.6720,
0.3768

227.5508,

 0.0000, 0.0000,

225.2992, 231.3386

0.0000

274.4373,
272.7324, 281.0680

■ 37.6348, 35.4148,
34.5579

■ 37.6348, 35.4148,
34.5579

■ 33.4026, 29.2220,
26.1431

■ 42.5966, 42.6755,
44.4209

■ 29.8628, 24.0424,
19.1062

■ 48.3171, 51.0461,
55.7933

■ 26.9795, 19.8233,
13.3745

■ 54.8272, 60.5721,
68.7356

■ 24.7124, 16.5058,
8.8678

■ 62.1554, 71.2950,
83.3042

■ 23.0167, 14.0244,
5.4969

■ 70.3286, 83.2545,
99.5529

■ 21.8414, 12.3045,
3.1608

■ 74.5492, 89.4315,
107.9406

■ 21.1267, 11.2585,
1.7403

■ 20.7656, 10.7301,
1.0226

■ 20.7394, 10.6919,
0.9706

Harmonies

Analogous

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



37.8634, 35.4148, 40.4781



37.6348, 35.4148, 34.5579



36.3177, 35.4148, 30.1796

Triad

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



37.6348, 35.4148, 34.5579



30.5906, 35.4148, 31.6087



33.0063, 35.4148, 51.3232

Complementary

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



37.6348, 35.4148, 34.5579



40.0089, 46.2717, 54.4001

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.



31.1366, 35.4148, 48.3654



37.6348, 35.4148, 34.5579



29.7811, 35.4148, 36.7048

Square

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



37.6348, 35.4148, 34.5579



32.2324, 35.4148, 28.6056



29.9767, 35.4148, 42.8612



35.1306, 35.4148, 50.5929

Rectangle

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



37.6348, 35.4148, 34.5579



35.0289, 35.4148, 28.5211



29.9767, 35.4148, 42.8612



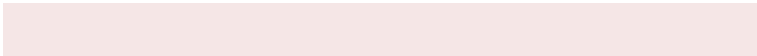
32.3286, 35.4148, 50.7166

Sweetspot

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



37.6358, 35.4164, 34.5586



80.2135, 81.7527, 86.4976



41.0448, 36.7792, 52.5132



17.1090, 17.3749, 18.3214



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.



37.6358, 35.4164, 34.5586



64.8076, 59.2098, 55.8707



40.7817, 41.7083, 35.6073



9.5303, 9.5365, 9.9151



14.1204, 7.2796, 0.6609



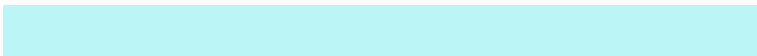
0.5531, 0.2852, 0.0259

Inverse Universe

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



40.0089, 46.2717, 54.4001



69.9027, 82.5155, 98.4690



36.4012, 39.0562, 53.1975



9.8085, 10.8094, 12.2417



18.4216, 26.9548, 36.6248



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 37.6348, 35.4148, 34.5579 looks on a white background.

Color Contrast Check

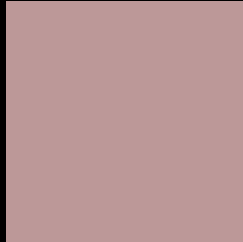
Large Text (above 18pt) WCAG AA × Fail

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 37.6348, 35.4148, 34.5579 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 37.6348, 35.4148, 34.5579

Background



This preview shows how black text looks on a background with the XYZ color 37.6348, 35.4148, 34.5579.



This preview shows how white text looks on a background with the XYZ color 37.6348, 35.4148,

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

37.6348, 35.4148, 34.5579

Protanopia

34.0886, 35.5412, 36.5160

Deuteranopia

36.1296, 35.3804, 34.2030



Tritanopia

38.4142, 35.2401, 38.9598

Trichromacy



Original Color

37.6348, 35.4148, 34.5579

Protanomaly

35.2069, 35.3647, 35.9808

Deuteranomaly

36.6700, 35.4128, 34.1808

Tritanomaly

38.2244, 35.4207, 37.1700

Monochromacy



Original Color

37.6348, 35.4148, 34.5579

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.6694, 36.0701, 37.8831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6348, 35.4148, 34.5579 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(188, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(188, 152, 152)  
}
```

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(188, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 152, 152) }
```

Border

The CSS property to change the border of an element to XYZ 37.6348, 35.4148, 34.5579 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(188, 152, 152) }
```


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

```
.border{ border-color:rgb(188, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(188, 152,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6348, 35.4148, 34.5579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 152, 152) }
```

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

```
.background{ background-color: rgb(188,  
152, 152) }
```

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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