

Converting Colors

XYZ(38.7770, 36.5446, 35.7771)

Have a look what the booklet for
XYZ(38.7770, 36.5446, 35.7771)
contains.

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Color

**XYZ(38.6235, 36.3914,
35.5604)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9A9A
RGB	190, 154, 154
RGB Percent	75%, 60%, 60%
CMY	0.2549, 0.3961, 0.3961
CMYK	0.00, 0.19, 0.19, 0.25
HSL	0°, 22%, 67%
HSV	0°, 19%, 75%
XYZ	38.6235, 36.3914, 35.5604
YIQ	164.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

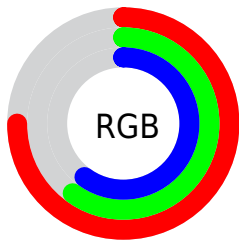
Format	Color
RYB	190, 154, 154
Decimal	12491418
CIELab	66.82, 13.37, 5.06
CIElCh	67, 14.297, 20.720
Yxy	36.3914, 0.3493, 0.3291
Android (android.graphics.Color)	4290681498 (0xFFBE9A9A)
YUV	164.7640, -5.3067, 22.1320
Hunter-Lab	60.3253, 8.7161, 7.2776

Details

The XYZ color **38.6235, 36.3914, 35.5604** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0337, 47.4135, 55.7045**, and the grayscale version is **35.6693, 37.5269, 40.8668**.

A 20% lighter version of the original color is **72.2988, 69.4400, 69.2672**, and **17.4518, 15.9140, 14.9839** is the 20% darker color. If you saturate the color by 10%, you get **34.2734, 30.0262, 26.9113**, and if you desaturate by 10%, it is **43.7224, 43.8526, 45.6957**.

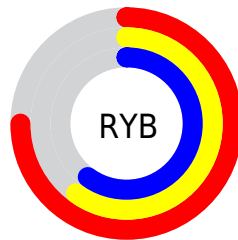
Distribution



Red (75%)

Green (60%)

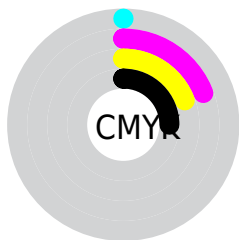
Blue (60%)



Red (75%)

Yellow (60%)

Blue (60%)

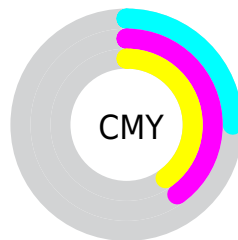


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.6235, 36.3914, 35.5604 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 38.6235, 36.3914, 35.5604 by changing the saturation by 10% instead.


 38.6235, 36.3914,
35.5604


 38.6235, 36.3914,
35.5604


331.5219,
330.6681, 342.0141

 26.6464, 24.7366,
23.8079


 72.3606, 69.6358,
69.5144

 17.4430, 15.8809,
14.9803


 94.8512, 91.9941,
92.5530

 10.6481, 9.4399,
8.6591


121.5770,
118.6892, 120.1906

 5.8963, 5.0292,
4.4257

152.9035,
150.1053, 152.8459

 2.8222, 2.2644,
1.8617

189.1958,
186.6268, 190.9373

 1.0604, 0.7548,
0.4682

230.8194,

 0.0000, 0.0000,

228.6382, 234.8835

0.0000

278.1397,
276.5238, 285.1029

■ 38.6235, 36.3914,
35.5604

■ 38.6235, 36.3914,
35.5604

■ 34.2734, 30.0262,
26.9113

■ 43.7224, 43.8526,
45.6957

■ 30.6341, 24.7009,
19.6765

■ 49.5997, 52.4527,
57.3801

■ 27.6686, 20.3615,
13.7814

■ 56.2874, 62.2385,
70.6754

■ 25.3357, 16.9477,
9.1438

■ 63.8145, 73.2526,
85.6396

■ 23.5894, 14.3923,
5.6725

■ 72.2087, 85.5355,
102.3278

■ 22.3776, 12.6190,
3.2638

■ 75.0453, 89.6872,
107.9638

■ 21.6392, 11.5383,
1.7961

■ 21.2682, 10.9954,
1.0588

■ 21.2355, 10.9476,
0.9939

Harmonies

Analogous

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



38.8547, 36.3914, 41.5745



38.6235, 36.3914, 35.5604



37.2874, 36.3914, 31.1065

Triad

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



38.6235, 36.3914, 35.5604



31.4707, 36.3914, 32.5562



33.9231, 36.3914, 52.5696

Complementary

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



38.6235, 36.3914, 35.5604



41.0337, 47.4135, 55.7045

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.



32.0239, 36.3914, 49.5697



38.6235, 36.3914, 35.5604



30.6474, 36.3914, 37.7355

Square

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



38.6235, 36.3914, 35.5604



33.1393, 36.3914, 29.5016



30.8456, 36.3914, 43.9861



36.0802, 36.3914, 51.8316

Rectangle

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



38.6235, 36.3914, 35.5604



35.9794, 36.3914, 29.4176



30.8456, 36.3914, 43.9861



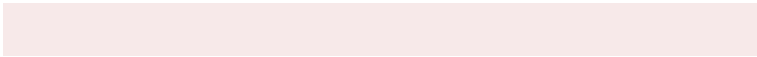
33.2348, 36.3914, 51.9541

Sweetspot

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



38.6245, 36.3931, 35.5612



82.1198, 83.6940, 88.5499



42.0854, 37.7765, 53.7889



17.8834, 18.1599, 19.1478



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.6245, 36.3931, 35.5612



66.3402, 60.6044, 57.1802



41.8208, 42.7857, 36.6266



9.5303, 9.5365, 9.9151



14.1204, 7.2796, 0.6609



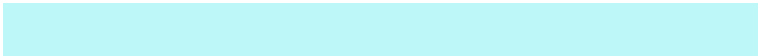
0.5531, 0.2852, 0.0259

Inverse Universe

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



41.0337, 47.4135, 55.7045



71.5590, 84.4759, 100.8130



37.3736, 40.0932, 54.4844



9.8085, 10.8094, 12.2417



18.4215, 26.9547, 36.6248



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 38.6235, 36.3914, 35.5604 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 38.6235, 36.3914, 35.5604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

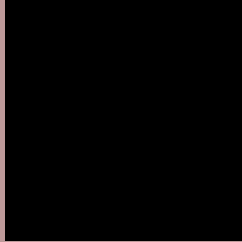
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6235, 36.3914, 35.5604

Background



This preview shows how black text looks on a background with the XYZ color 38.6235, 36.3914, 35.5604.



This preview shows how white text looks on a background with the XYZ color 38.6235, 36.3914,

35.5604.

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

38.6235, 36.3914, 35.5604

Protanopia

35.0282, 36.5248, 37.5516

Deuteranopia

37.0981, 36.3589, 35.1997



Tritanopia

39.4149, 36.2132, 40.0344

Trichromacy



Original Color

38.6235, 36.3914, 35.5604

Protanomaly

36.1631, 36.3446, 37.0075

Deuteranomaly

37.6458, 36.3911, 35.1770

Tritanomaly

39.2223, 36.3969, 38.2158

Monochromacy



Original Color

38.6235, 36.3914, 35.5604

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.6335, 37.0616, 38.9410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6235, 36.3914, 35.5604 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(190, 154, 154)` looks like.

```
.text, #text, p{  
    color:rgb(190, 154, 154)  
}
```

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(190, 154, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 154, 154) }
```

Border

The CSS property to change the border of an element to XYZ 38.6235, 36.3914, 35.5604 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(190, 154, 154) }
```


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

```
.border{ border-color:rgb(190, 154, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 154, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 154, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 154, 154);  
box-shadow:4px 4px 4px 4px rgb(190, 154,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6235, 36.3914, 35.5604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 154, 154) }
```

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

```
.background{ background-color: rgb(190,  
154, 154) }
```

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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