

Converting Colors

XYZ(38.9533, 36.8437, 36.1539)

Have a look what the booklet for
XYZ(38.9533, 36.8437, 36.1539)
contains.

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Color

**XYZ(38.8729, 36.7564,
36.0562)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9B9B
RGB	190, 155, 155
RGB Percent	75%, 61%, 61%
CMY	0.2549, 0.3921, 0.3922
CMYK	0.00, 0.18, 0.18, 0.25
HSL	0°, 21%, 68%
HSV	0°, 18%, 75%
XYZ	38.8729, 36.7564, 36.0562
YIQ	165.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

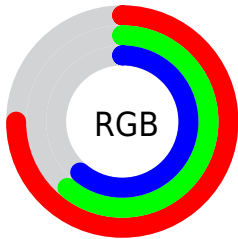
Format	Color
RYB	190, 155, 155
Decimal	12491675
CIELab	67.09, 12.98, 4.90
CIELCh	67, 13.871, 20.673
Yxy	36.7564, 0.3481, 0.3291
Android (android.graphics.Color)	4290681755 (0xFFBE9B9B)
YUV	165.4650, -5.1592, 21.5172
Hunter-Lab	60.6271, 8.3534, 7.1779

Details

The XYZ color **38.8729, 36.7564, 36.0562** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.2248, 47.5118, 55.7133**, and the grayscale version is **36.0054, 37.8805, 41.2518**.

A 20% lighter version of the original color is **72.9130, 70.4708, 70.0809**, and **17.6023, 16.1343, 15.2832** is the 20% darker color. If you saturate the color by 10%, you get **34.4844, 30.3350, 27.3307**, and if you desaturate by 10%, it is **44.0120, 44.2764, 46.2715**.

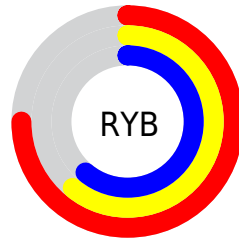
Distribution



Red (75%)

Green (61%)

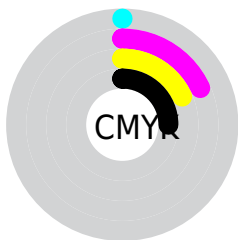
Blue (61%)



Red (75%)

Yellow (61%)

Blue (61%)

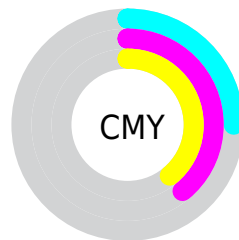


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8729, 36.7564, 36.0562 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 38.8729, 36.7564, 36.0562 by changing the saturation by 10% instead.


 38.8729, 36.7564,
36.0562


 38.8729, 36.7564,
36.0562


332.5663,
332.2547, 344.2510

 26.8411, 25.0189,
24.1876

 72.7394, 70.1980,
70.2888

 17.5899, 16.0912,
15.2593


 95.3049, 92.6709,
93.4899

 10.7539, 9.5887,
8.8530


122.1123,
119.4910, 121.3055

 5.9677, 5.1271,
4.5499

153.5271,
151.0429, 154.1542

 2.8659, 2.3220,
1.9316

189.9145,
187.7107, 192.4546

 1.0832, 0.7853,
0.5127

231.6399,

 0.0110, 0.0000,

229.8791, 236.6252

0.0000

279.0687,
277.9322, 287.0844

■ 0.0000, 0.0000,
0.0000

■ 38.8729, 36.7564,
36.0562

■ 38.8729, 36.7564,
36.0562

■ 34.4844, 30.3350,
27.3307

■ 44.0120, 44.2764,
46.2715

■ 30.8085, 24.9562,
20.0232

■ 49.9312, 52.9378,
58.0391

■ 27.8086, 20.5664,
14.0596

■ 56.6623, 62.7871,
71.4208

■ 25.4435, 17.1055,
9.3580

■ 64.2343, 73.8669,
86.4744

■ 23.6675, 14.5067,
5.8277

■ 72.6748, 86.2175,
103.2548

■ 22.4291, 12.6943,
3.3660

■ 75.0453, 89.6872,
107.9638

■ 21.6674, 11.5797,
1.8522

■ 21.2845, 11.0193,
1.0913

■ 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.



39.0963, 36.7564, 41.9353



38.8729, 36.7564, 36.0562



37.5720, 36.7564, 31.6858

Triad

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



38.8729, 36.7564, 36.0562



31.8891, 36.7564, 33.0969



34.2821, 36.7564, 52.6237

Complementary

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



38.8729, 36.7564, 36.0562



41.2248, 47.5118, 55.7133

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.



32.4260, 36.7564, 49.7042



38.8729, 36.7564, 36.0562



31.0815, 36.7564, 38.1667

Square

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



38.8729, 36.7564, 36.0562



33.5224, 36.7564, 30.1005



31.2740, 36.7564, 44.2673



36.3885, 36.7564, 51.9130

Rectangle

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



38.8729, 36.7564, 36.0562



36.2966, 36.7564, 30.0234



31.2740, 36.7564, 44.2673



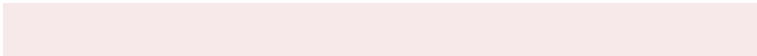
33.6096, 36.7564, 52.0241

Sweetspot

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



38.8739, 36.7581, 36.0570



82.1198, 83.6941, 88.5500



42.2511, 38.1080, 53.8441



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.



38.8739, 36.7581, 36.0570



67.1559, 61.7980, 58.8016



41.9998, 43.0098, 37.0989



9.5303, 9.5365, 9.9151



14.1204, 7.2796, 0.6609



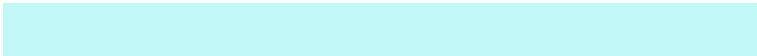
0.5531, 0.2852, 0.0259

Inverse Universe

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



41.2248, 47.5118, 55.7133



72.1840, 84.7980, 100.8423



37.6601, 40.3824, 54.5251



9.8085, 10.8094, 12.2417



18.4213, 26.9542, 36.6247



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 38.8729, 36.7564, 36.0562 looks on a white background.

Color Contrast Check

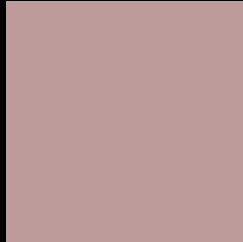
Large Text (above 18pt) WCAG AA × Fail

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 38.8729, 36.7564, 36.0562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

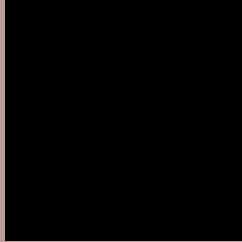
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.8729, 36.7564, 36.0562

Background



This preview shows how black text looks on a background with the XYZ color 38.8729, 36.7564, 36.0562.



This preview shows how white text looks on a background with the XYZ color 38.8729, 36.7564,

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

38.8729, 36.7564, 36.0562

Protanopia

35.2916, 36.9131, 38.0658

Deuteranopia

37.5880, 36.8541, 35.7043



Tritanopia

39.6686, 36.5754, 40.5663

Trichromacy



Original Color

38.8729, 36.7564, 36.0562

Protanomaly

36.4216, 36.7242, 37.5166

Deuteranomaly

38.1394, 36.8861, 35.6814

Tritanomaly

39.4745, 36.7608, 38.7332

Monochromacy



Original Color

38.8729, 36.7564, 36.0562

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 38.8729, 36.7564, 36.0562 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, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(190, 155, 155)  
}
```

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, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 155, 155) }
```

Border

The CSS property to change the border of an element to XYZ 38.8729, 36.7564, 36.0562 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, 155, 155) }
```


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

```
.border{ border-color:rgb(190, 155, 155) }
```

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

Here you see how a box with a 4 pixel rgb(190, 155, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(190, 155,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8729, 36.7564, 36.0562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 155, 155) }
```

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

```
.background{ background-color: rgb(190,  
155, 155) }
```

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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