

Converting Colors

XYZ(38.5060, 36.3555, 41.8528)

Have a look what the booklet for
XYZ(38.5060, 36.3555, 41.8528)
contains.

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Color

**XYZ(38.5564, 36.4602,
42.0512)**

Conversions

Conversions Part 1

Format	Color
Hex	B89BA8
RGB	184, 155, 168
RGB Percent	72%, 61%, 66%
CMY	0.2784, 0.3921, 0.3412
CMYK	0.00, 0.16, 0.09, 0.28
HSL	333°, 17%, 66%
HSV	333°, 16%, 72%
XYZ	38.5564, 36.4602, 42.0512
YIQ	165.1530, 13.1110, 10.1910

Conversions

Conversions Part 2

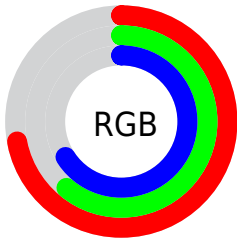
Format	Color
RYB	184, 155, 168
Decimal	12098472
CIELab	66.87, 12.93, -2.77
CIELCh	67, 13.226, 347.919
Yxy	36.4602, 0.3294, 0.3114
Android (android.graphics.Color)	4290288552 (0xFFB89BA8)
YUV	165.1530, 1.4036, 16.5288
Hunter-Lab	60.3823, 8.3101, 0.9771

Details

The XYZ color **38.5564, 36.4602, 42.0512** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0102, 44.1908, 45.0565**, and the grayscale version is **35.8275, 37.6933, 41.0480**.

A 20% lighter version of the original color is **72.3011, 69.9462, 79.5023**, and **17.4628, 15.9869, 18.6884** is the 20% darker color. If you saturate the color by 10%, you get **34.8154, 30.4329, 36.3185**, and if you desaturate by 10%, it is **42.8400, 43.4535, 48.3300**.

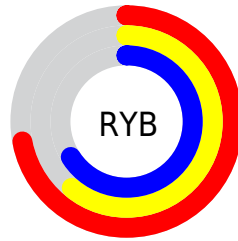
Distribution



Red (72%)

Green (61%)

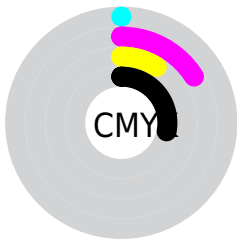
Blue (66%)



Red (72%)

Yellow (61%)

Blue (66%)

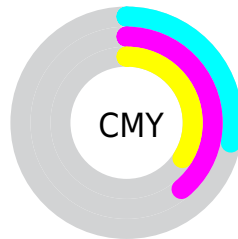


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (28%)



Cyan (28%)


Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5564, 36.4602, 42.0512 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 38.5564, 36.4602, 42.0512 by changing the saturation by 10% instead.


 38.5564, 36.4602,
42.0512


 38.5564, 36.4602,
42.0512


331.2405,
330.9675, 370.5011

 26.5940, 24.7898,
28.8155


 72.2586, 69.7418,
79.5480

 17.4035, 15.9205,
18.6969


 94.7290, 92.1218,
104.6463

 10.6197, 9.4679,
11.2769

121.4329,
118.8404, 134.5358

 5.8771, 5.0476,
6.1369

152.7355,
150.2822, 169.6351

 2.8105, 2.2752,
2.8584

189.0022,
186.8313, 210.3627

 1.0543, 0.7606,
1.0228

230.5984,

 0.0000, 0.0000,

228.8724, 257.1372

0.0000

277.8894,
276.7896, 310.3772

■ 38.5564, 36.4602,
42.0512

■ 38.5564, 36.4602,
42.0512

■ 34.8154, 30.4329,
36.3185

■ 42.8400, 43.4535,
48.3300

■ 31.5911, 25.3240,
31.1137

■ 47.6844, 51.4481,
55.1678

■ 28.8602, 21.0890,
26.4210

■ 53.1107, 60.4832,
62.5797

■ 26.5961, 17.6780,
22.2225

■ 59.1381, 70.5949,
70.5797

■ 24.7699, 15.0358,
18.4994

■ 65.7849, 81.8171,
79.1811

■ 23.3490, 13.1004,
15.2311

■ 69.6588, 87.3630,
87.2603

■ 22.2958, 11.8001,
12.3950

■ 71.1179, 87.9467,
94.9435

■ 21.5633, 11.0444,
9.9647

■ 72.6612, 88.5640,
103.0707

■ 21.3084, 10.8069,
9.0401

■ 73.5774, 88.9305,
107.8951

Harmonies

Analogous

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



37.5906, 36.4602, 47.5550



38.5564, 36.4602, 42.0512



38.4475, 36.4602, 36.4027

Triad

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



38.5564, 36.4602, 42.0512



33.4834, 36.4602, 30.1061



32.1380, 36.4602, 48.4563

Complementary

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



38.5564, 36.4602, 42.0512



38.0102, 44.1908, 45.0565

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.



31.1192, 36.4602, 43.1885



38.5564, 36.4602, 42.0512



31.8751, 36.4602, 32.7596

Square

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



38.5564, 36.4602, 42.0512



35.4662, 36.4602, 29.8651



31.0248, 36.4602, 37.4361



33.8549, 36.4602, 51.4844

Rectangle

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



38.5564, 36.4602, 42.0512



37.7806, 36.4602, 33.3020



31.0248, 36.4602, 37.4361



31.7055, 36.4602, 46.8667

Sweetspot

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



38.5574, 36.4618, 42.0520



78.2189, 79.6911, 88.4152



37.1581, 35.5575, 50.2527



16.7376, 16.9749, 18.8814



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.



38.5574, 36.4618, 42.0520



67.3707, 62.0105, 72.4192



37.6490, 36.4868, 36.0706



9.1674, 9.0773, 10.2290



14.7201, 7.4618, 6.4126



0.5502, 0.2755, 0.3907

Inverse Universe

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



38.5574, 36.4618, 42.0520



67.3707, 62.0105, 72.4192



39.0113, 44.1118, 51.8062



9.1674, 9.0773, 10.2290



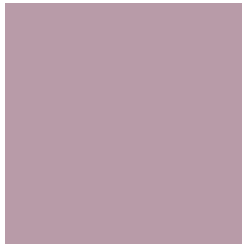
14.7201, 7.4618, 6.4126



0.5502, 0.2755, 0.3907

Previews

White Background



This preview shows how the XYZ color 38.5564, 36.4602, 42.0512 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 38.5564, 36.4602, 42.0512 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 38.5564, 36.4602, 42.0512

Background



This preview shows how black text looks on a background with the XYZ color 38.5564, 36.4602, 42.0512.



This preview shows how white text looks on a background with the XYZ color 38.5564, 36.4602,

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

38.5564, 36.4602, 42.0512

Protanopia

35.4710, 36.6057, 44.2258

Deuteranopia

37.1064, 36.4738, 41.6437



Tritanopia

38.4636, 36.4231, 41.5623

Trichromacy



Original Color

38.5564, 36.4602, 42.0512

Protanomaly

36.5434, 36.3945, 43.6269

Deuteranomaly

37.6224, 36.4877, 41.6191

Tritanomaly

38.4636, 36.4231, 41.5623

Monochromacy



Original Color

38.5564, 36.4602, 42.0512

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.6411, 37.0136, 41.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5564, 36.4602, 42.0512 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(184, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(184, 155, 168)  
}
```

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(184, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 155, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.5564, 36.4602, 42.0512 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(184, 155, 168) }
```


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

```
.border{ border-color:rgb(184, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(184, 155,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5564, 36.4602, 42.0512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 155, 168) }
```

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

```
.background{ background-color: rgb(184,  
155, 168) }
```

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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