

Converting Colors

XYZ(38.3351, 36.3977, 42.4625)

Have a look what the booklet for
XYZ(38.3351, 36.3977, 42.4625)
contains.

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Color

**XYZ(38.4112, 36.3745,
42.5326)**

Conversions

Conversions Part 1

Format	Color
Hex	B79BA9
RGB	183, 155, 169
RGB Percent	72%, 61%, 66%
CMY	0.2823, 0.3921, 0.3373
CMYK	0.00, 0.15, 0.08, 0.28
HSL	330°, 16%, 66%
HSV	330°, 15%, 72%
XYZ	38.4112, 36.3745, 42.5326
YIQ	164.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

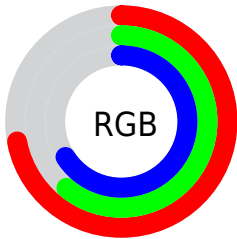
Format	Color
RYB	183, 155, 169
Decimal	12032937
CIELab	66.81, 12.75, -3.43
CIElCh	67, 13.202, 344.925
Yxy	36.3745, 0.3274, 0.3100
Android (android.graphics.Color)	4290223017 (0xFFB79BA9)
YUV	164.9680, 1.9878, 15.8141
Hunter-Lab	60.3113, 8.1388, 0.4055

Details

The XYZ color **38.4112, 36.3745, 42.5326** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.6139, 43.7011, 43.9908**, and the grayscale version is **35.7363, 37.5974, 40.9436**.

A 20% lighter version of the original color is **72.0977, 69.8257, 80.1988**, and **17.3671, 15.9308, 18.9892** is the 20% darker color. If you saturate the color by 10%, you get **34.7644, 30.4075, 37.2259**, and if you desaturate by 10%, it is **42.5818, 43.2919, 48.3115**.

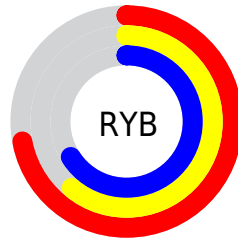
Distribution



Red (72%)

Green (61%)

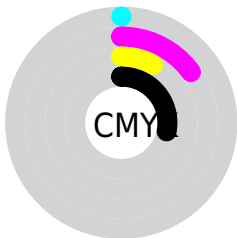
Blue (66%)



Red (72%)

Yellow (61%)

Blue (66%)

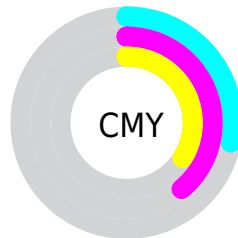


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4112, 36.3745, 42.5326 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 38.4112, 36.3745, 42.5326 by changing the saturation by 10% instead.

■ 38.4112, 36.3745,
42.5326

■ 38.4112, 36.3745,
42.5326

330.6311,
330.5945, 372.5506

■ 26.4806, 24.7236,
29.1899

■ 72.0378, 69.6097,
80.2838

■ 17.3181, 15.8712,
18.9777

■ 94.4646, 91.9628,
105.5294

■ 10.5583, 9.4331,
11.4775

121.1208,
118.6520, 135.5797

■ 5.8357, 5.0247,
6.2708

152.3718,
150.0618, 170.8532

■ 2.7852, 2.2618,
2.9390

188.5830,
186.5765, 211.7686

■ 1.0412, 0.7534,
1.0636

230.1197,

■ 0.0000, 0.0000,

228.5806, 258.7442

0.0000

277.3473,
276.4585, 312.1987

■ 38.4112, 36.3745,
42.5326

■ 38.4112, 36.3745,
42.5326

■ 34.7644, 30.4075,
37.2259

■ 42.5818, 43.2919,
48.3115

■ 31.6163, 25.3442,
32.3757

■ 47.2937, 51.1940,
54.5728

■ 28.9444, 21.1411,
27.9687

■ 52.5673, 60.1197,
61.3297

■ 26.7233, 17.7493,
23.9899

■ 58.4211, 70.1039,
68.5937

■ 24.9248, 15.1147,
20.4234

■ 64.8726, 81.1802,
76.3761

■ 23.5175, 13.1768,
17.2517

■ 68.7307, 86.9642,
83.6185

■ 22.4653, 11.8656,
14.4556

■ 70.0050, 87.4739,
90.3291

■ 21.7238, 11.0949,
12.0129

■ 71.3472, 88.0108,
97.3969

■ 21.4382, 10.8312,
10.9695

■ 72.7582, 88.5752,
104.8271

Harmonies

Analogous

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



37.3535, 36.3745, 47.9056



38.4112, 36.3745, 42.5326



38.4140, 36.3745, 36.8427

Triad

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



38.4112, 36.3745, 42.5326



33.5942, 36.3745, 29.9093



31.9270, 36.3745, 47.8824

Complementary

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



38.4112, 36.3745, 42.5326



37.6139, 43.7011, 43.9908

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.



30.9967, 36.3745, 42.5034



38.4112, 36.3745, 42.5326



31.9338, 36.3745, 32.3244

Square

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



38.4112, 36.3745, 42.5326



35.5803, 36.3745, 29.9155



30.9992, 36.3745, 36.8162



33.5846, 36.3745, 51.1904

Rectangle

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



38.4112, 36.3745, 42.5326



37.8148, 36.3745, 33.6425



30.9992, 36.3745, 36.8162



31.5218, 36.3745, 46.2348

Sweetspot

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



38.4122, 36.3761, 42.5334



76.4345, 77.8211, 86.7572



36.6321, 35.2983, 49.6828



16.7593, 16.9835, 18.9954



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.



38.4122, 36.3761, 42.5334



66.7395, 61.7681, 73.2379



37.1675, 35.8782, 35.9785



9.1868, 9.0851, 10.3312



14.9902, 7.5698, 7.8349



0.5597, 0.2794, 0.4407

Inverse Universe

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



38.4122, 36.3761, 42.5334



66.7395, 61.7681, 73.2379



38.9994, 44.2553, 51.2869



9.1868, 9.0851, 10.3312



14.9902, 7.5698, 7.8349



0.5597, 0.2794, 0.4407

Previews

White Background



This preview shows how the XYZ color 38.4112, 36.3745, 42.5326 looks on a white background.

Color Contrast Check

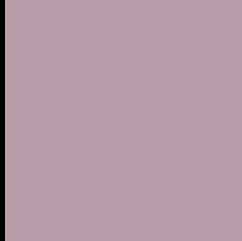
Large Text (above 18pt) WCAG AA × Fail

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 38.4112, 36.3745, 42.5326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

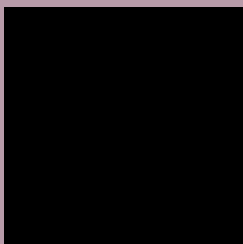
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4112, 36.3745, 42.5326

Background



This preview shows how black text looks on a background with the XYZ color 38.4112, 36.3745, 42.5326.



This preview shows how white text looks on a background with the XYZ color 38.4112, 36.3745,

42.5326.

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

38.4112, 36.3745, 42.5326

Protanopia

35.5674, 36.6443, 44.7336

Deuteranopia

37.1992, 36.5110, 42.1325



Tritanopia

38.2248, 36.3000, 41.5511

Trichromacy



Original Color

38.4112, 36.3745, 42.5326

Protanomaly

36.4221, 36.3209, 44.1207

Deuteranomaly

37.7153, 36.5248, 42.1080

Tritanomaly

38.3177, 36.3371, 42.0400

Monochromacy



Original Color

38.4112, 36.3745, 42.5326

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 38.4112, 36.3745, 42.5326 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(183, 155, 169)` looks like.

```
.text, #text, p{  
    color:rgb(183, 155, 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(183, 155, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 155, 169) }
```

Border

The CSS property to change the border of an element to XYZ 38.4112, 36.3745, 42.5326 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(183, 155, 169) }
```


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

```
.border{ border-color:rgb(183, 155, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 155, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 155, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 155, 169);  
box-shadow:4px 4px 4px 4px rgb(183, 155,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4112, 36.3745, 42.5326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 155, 169) }
```

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

```
.background{ background-color: rgb(183,  
155, 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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