

Converting Colors

XYZ(40.2219, 37.4790, 41.0705)

Have a look what the booklet for
XYZ(40.2219, 37.4790, 41.0705)
contains.

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Color

**XYZ(40.2573, 37.6065,
41.2134)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9CA6
RGB	191, 156, 166
RGB Percent	75%, 61%, 65%
CMY	0.2510, 0.3882, 0.3490
CMYK	0.00, 0.18, 0.13, 0.25
HSL	343°, 21%, 68%
HSV	343°, 18%, 75%
XYZ	40.2573, 37.6065, 41.2134
YIQ	167.6050, 17.6500, 10.5300

Conversions

Conversions Part 2

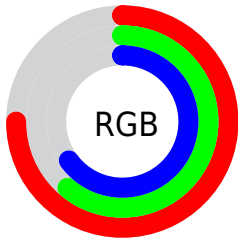
Format	Color
RYB	191, 156, 166
Decimal	12557478
CIELab	67.73, 14.59, -0.31
CIELCh	68, 14.596, 358.774
Yxy	37.6065, 0.3381, 0.3158
Android (android.graphics.Color)	4290747558 (0xFFBF9CA6)
YUV	167.6050, -0.7913, 20.5174
Hunter-Lab	61.3241, 9.8622, 3.0806

Details

The XYZ color **40.2573, 37.6065, 41.2134** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6831, 47.6667, 50.7748**, and the grayscale version is **37.0245, 38.9527, 42.4194**.

A 20% lighter version of the original color is **75.0568, 71.7654, 78.3028**, and **18.4054, 16.6364, 18.1607** is the 20% darker color. If you saturate the color by 10%, you get **36.1150, 31.2194, 33.9817**, and if you desaturate by 10%, it is **45.0386, 45.0581, 49.3141**.

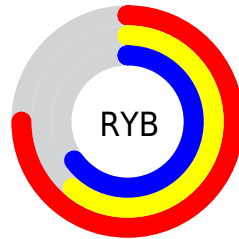
Distribution



Red (75%)

Green (61%)

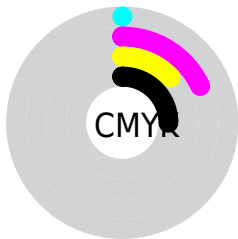
Blue (65%)



Red (75%)

Yellow (61%)

Blue (65%)

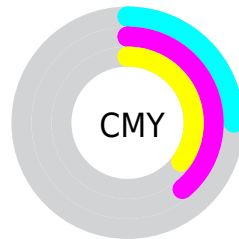


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2573, 37.6065, 41.2134 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 40.2573, 37.6065, 41.2134 by changing the saturation by 10% instead.


 40.2573, 37.6065,
41.2134


 40.2573, 37.6065,
41.2134

338.3227,
335.9289, 366.9147

 27.9243, 25.6774,
28.1649


 74.8370, 71.5046,
78.2649

 18.4088, 16.5825,
18.2099


 97.8145, 94.2424,
103.1050

 11.3453, 9.9373,
10.9298


125.0708,
121.3519, 132.7128

 6.3686, 5.3574,
5.9061

156.9713,
153.2176, 167.5067

 3.1133, 2.4584,
2.7202

193.8814,
190.2237, 207.9053

 1.2139, 0.8557,
0.9536

236.1664,

 0.1173, 0.0000,

232.7547, 254.3271

0.0000

284.1917,
281.1950, 307.1908

0.0000, 0.0000,
0.0000

40.2573, 37.6065,
41.2134

40.2573, 37.6065,
41.2134

36.1150, 31.2194,
33.9817

45.0386, 45.0581,
49.3141

32.5807, 25.8430,
27.5872

50.4815, 53.6145,
58.3096

29.6260, 21.4267,
21.9992

56.6115, 63.3203,
68.2274

27.2185, 17.9131,
17.1846

63.4518, 74.2160,
79.0931

25.3227, 15.2390,
13.1076

71.0245, 86.3401,
90.9314

■ 23.8986, 13.3327,
9.7292

■ 74.1687, 89.3655,
102.0387

■ 22.8999, 12.1104,
7.0066

■ 75.2961, 89.8165,
107.9755

■ 22.2556, 11.4399,
4.8860

■ 22.1651, 11.3481,
4.5813

Harmonies

Analogous

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



39.5821, 37.6065, 47.7293



40.2573, 37.6065, 41.2134



39.6815, 37.6065, 35.2548

Triad

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



40.2573, 37.6065, 41.2134



33.6967, 37.6065, 30.9968



33.5424, 37.6065, 52.5127

Complementary

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



40.2573, 37.6065, 41.2134



40.6831, 47.6667, 50.7748

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.



32.0757, 37.6065, 47.2213



40.2573, 37.6065, 41.2134



32.1621, 37.6065, 34.8399

Square

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



40.2573, 37.6065, 41.2134



35.8367, 37.6065, 29.7427



31.5810, 37.6065, 40.6819



35.6511, 37.6065, 54.6619

Rectangle

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



40.2573, 37.6065, 41.2134



38.6788, 37.6065, 32.2980



31.5810, 37.6065, 40.6819



32.9613, 37.6065, 51.0169

Sweetspot

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



40.2584, 37.6082, 41.2142



83.6931, 85.4479, 93.3683



40.2328, 37.3038, 54.3706



18.2299, 18.5309, 20.2565



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.



40.2584, 37.6082, 41.2142



68.9804, 62.5257, 68.4156



40.5851, 39.6727, 36.9731



9.6392, 9.5800, 10.4891



14.5970, 7.4699, 3.1713



0.6010, 0.3043, 0.2781

Inverse Universe

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



40.2584, 37.6082, 41.2142



68.9804, 62.5257, 68.4156



40.2561, 45.1117, 55.8764



9.6392, 9.5800, 10.4891



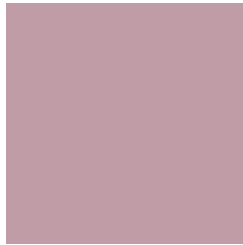
14.5970, 7.4699, 3.1713



0.6010, 0.3043, 0.2781

Previews

White Background



This preview shows how the XYZ color 40.2573, 37.6065, 41.2134 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 40.2573, 37.6065, 41.2134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

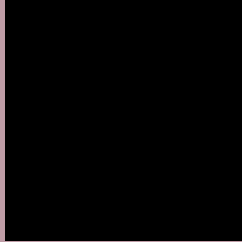
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2573, 37.6065, 41.2134

Background



This preview shows how black text looks on a background with the XYZ color 40.2573, 37.6065, 41.2134.



This preview shows how white text looks on a background with the XYZ color 40.2573, 37.6065,

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

40.2573, 37.6065, 41.2134

Protanopia

36.3520, 37.5982, 43.8693

Deuteranopia

38.4184, 37.6820, 40.8458



Tritanopia

40.4422, 37.6805, 42.1873

Trichromacy



Original Color

40.2573, 37.6065, 41.2134

Protanomaly

37.5855, 37.4683, 42.7872

Deuteranomaly

39.1973, 37.8272, 40.8328

Tritanomaly

40.3494, 37.6433, 41.6985

Monochromacy



Original Color

40.2573, 37.6065, 41.2134

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.1550, 38.5710, 41.9932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2573, 37.6065, 41.2134 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(191, 156, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 156, 166)  
}
```

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(191, 156, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 156, 166) }
```

Border

The CSS property to change the border of an element to XYZ 40.2573, 37.6065, 41.2134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

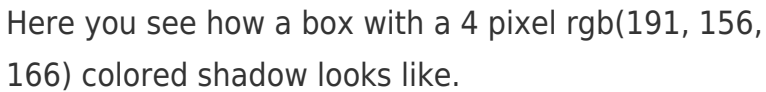
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 156, 166) }
```


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

```
.border{ border-color:rgb(191, 156, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 156, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 156, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 156, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 156,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2573, 37.6065, 41.2134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 156, 166) }
```

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

```
.background{ background-color: rgb(191,  
156, 166) }
```

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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