

Converting Colors

XYZ(37.0067, 32.6290, 37.8896)

Have a look what the booklet for
XYZ(37.0067, 32.6290, 37.8896)
contains.

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Color

**XYZ(37.0923, 32.7380,
38.0823)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8EA1
RGB	189, 142, 161
RGB Percent	74%, 56%, 63%
CMY	0.2588, 0.4431, 0.3686
CMYK	0.00, 0.25, 0.15, 0.26
HSL	336°, 26%, 65%
HSV	336°, 25%, 74%
XYZ	37.0923, 32.7380, 38.0823
YIQ	158.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

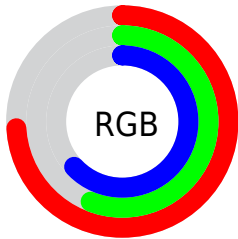
Format	Color
RYB	189, 142, 161
Decimal	12422817
CIELab	63.95, 20.78, -3.07
CIELCh	64, 21.007, 351.593
Yxy	32.7380, 0.3437, 0.3034
Android (android.graphics.Color)	4290612897 (0xFFBD8EA1)
YUV	158.2190, 1.3710, 26.9949
Hunter-Lab	57.2171, 15.5867, 0.5900

Details

The XYZ color **37.0923, 32.7380, 38.0823** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6100, 45.0492, 44.7981**, and the grayscale version is **32.5865, 34.2836, 37.3348**.

A 20% lighter version of the original color is **70.1406, 64.0306, 73.6281**, and **16.5472, 13.7589, 16.5354** is the 20% darker color. If you saturate the color by 10%, you get **33.5665, 27.2044, 32.2266**, and if you desaturate by 10%, it is **41.1862, 39.2639, 44.5694**.

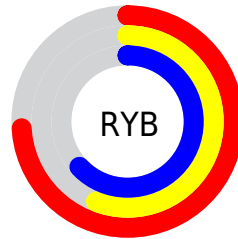
Distribution



Red (74%)

Green (56%)

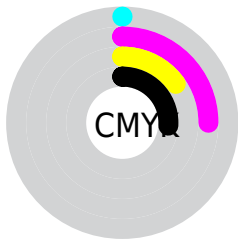
Blue (63%)



Red (74%)

Yellow (56%)

Blue (63%)

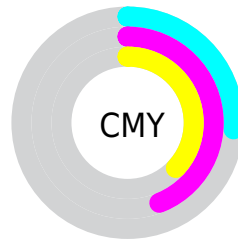


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (26%)



Cyan (26%)


Magenta (44%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0923, 32.7380, 38.0823 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 37.0923, 32.7380, 38.0823 by changing the saturation by 10% instead.


 37.0923, 32.7380,
38.0823


 37.0923, 32.7380,
38.0823


325.0586,
314.4675, 353.2817


 25.4530, 21.9258,
25.7442


 70.0276, 63.9663,
73.4391

 16.5454, 13.8024,
16.4084


 92.0543, 85.1511,
97.2949

 10.0042, 7.9834,
9.6561

 118.2742,
110.5624, 125.8270

 5.4640, 4.0843,
5.0689

149.0526,
140.5843, 159.4541

 2.5595, 1.7208,
2.2283

184.7549,
175.6014, 198.5945

 0.9254, 0.4371,
0.6906

225.7464,

 0.0000, 0.0000,

215.9980, 243.6669

0.0000

272.3925,
262.1586, 295.0897

■ 37.0923, 32.7380,
38.0823

■ 37.0923, 32.7380,
38.0823

■ 33.5665, 27.2044,
32.2266

■ 41.1862, 39.2639,
44.5694

■ 30.5797, 22.6096,
26.9798

■ 45.8700, 46.8233,
51.7052

■ 28.1041, 18.9020,
22.3210

■ 51.1677, 55.4603,
59.5089

■ 26.1084, 16.0227,
18.2272

■ 57.1013, 65.2153,
67.9980

■ 24.5576, 13.9062,
14.6734

■ 63.6913, 76.1265,
77.1895

■ 23.4114, 12.4765,
11.6323

■ 70.8284, 87.9717,
87.0568

■ 22.6216, 11.6415,
9.0729

■ 72.4485, 88.6197,
95.5879

■ 22.3048, 11.3463,
7.9244

■ 74.1724, 89.3093,
104.6657

■ 74.7965, 89.5589,
107.9522

Harmonies

Analogous

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



35.7922, 32.7380, 46.7597



37.0923, 32.7380, 38.0823



36.7133, 32.7380, 29.9785

Triad

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



37.0923, 32.7380, 38.0823



29.0689, 32.7380, 22.5383



27.7134, 32.7380, 50.0031

Complementary

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



37.0923, 32.7380, 38.0823



36.6100, 45.0492, 44.7981

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.



26.1195, 32.7380, 41.9865



37.0923, 32.7380, 38.0823



26.8668, 32.7380, 26.4497

Square

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



37.0923, 32.7380, 38.0823



31.9559, 32.7380, 21.8322



25.8197, 32.7380, 33.3161



30.2919, 32.7380, 54.3214

Rectangle

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



37.0923, 32.7380, 38.0823



35.5694, 32.7380, 25.8848



25.8197, 32.7380, 33.3161



27.0517, 32.7380, 47.5965

Sweetspot

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



37.0932, 32.7395, 38.0830



80.1738, 80.6532, 89.6295



35.3113, 31.5029, 52.3641



17.1297, 17.1640, 19.1063



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.0932, 32.7395, 38.0830



62.7654, 52.8577, 62.1808



36.1360, 33.3054, 30.1169



9.6857, 9.5986, 10.7338



15.0430, 7.6483, 5.5199



0.6217, 0.3126, 0.3873

Inverse Universe

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



37.0932, 32.7395, 38.0830



62.7654, 52.8577, 62.1808



37.7081, 44.1586, 54.6806



9.6857, 9.5986, 10.7338



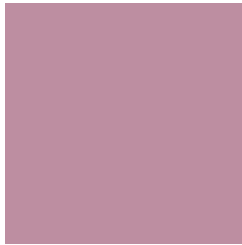
15.0430, 7.6483, 5.5199



0.6217, 0.3126, 0.3873

Previews

White Background



This preview shows how the XYZ color 37.0923, 32.7380, 38.0823 looks on a white background.

Color Contrast Check

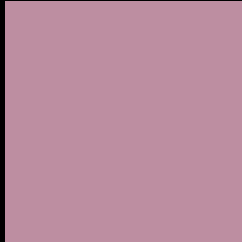
Large Text (above 18pt) WCAG AA × Fail

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 37.0923, 32.7380, 38.0823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

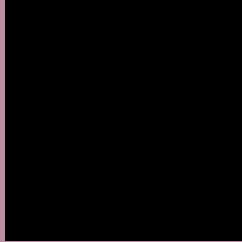
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0923, 32.7380, 38.0823

Background



This preview shows how black text looks on a background with the XYZ color 37.0923, 32.7380, 38.0823.



This preview shows how white text looks on a background with the XYZ color 37.0923, 32.7380,

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

37.0923, 32.7380, 38.0823

Protanopia

31.9499, 32.8084, 41.6945

Deuteranopia

33.3128, 32.6407, 37.3454



Tritanopia

36.3942, 32.6694, 34.9595

Trichromacy



Original Color

37.0923, 32.7380, 38.0823

Protanomaly

33.6342, 32.7448, 40.1450

Deuteranomaly

34.6834, 32.6356, 37.7290

Tritanomaly

36.6473, 32.7706, 36.2921

Monochromacy



Original Color

37.0923, 32.7380, 38.0823

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.8484, 33.3947, 37.4627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0923, 32.7380, 38.0823 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(189, 142, 161)` looks like.

```
.text, #text, p{  
    color:rgb(189, 142, 161)  
}
```

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(189, 142, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 142, 161) }
```

Border

The CSS property to change the border of an element to XYZ 37.0923, 32.7380, 38.0823 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(189, 142, 161) }
```


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

```
.border{ border-color:rgb(189, 142, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 142, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 142, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 142, 161);  
box-shadow:4px 4px 4px 4px rgb(189, 142,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0923, 32.7380, 38.0823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 142, 161) }
```

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

```
.background{ background-color: rgb(189,  
142, 161) }
```

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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