

Converting Colors

XYZ(38.7850, 38.0557, 36.0939)

Have a look what the booklet for
XYZ(38.7850, 38.0557, 36.0939)
contains.

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Color

**XYZ(38.7369, 37.9473,
36.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA09B
RGB	186, 160, 155
RGB Percent	73%, 63%, 61%
CMY	0.2706, 0.3725, 0.3922
CMYK	0.00, 0.14, 0.17, 0.27
HSL	10°, 18%, 67%
HSV	10°, 17%, 73%
XYZ	38.7369, 37.9473, 36.2932
YIQ	167.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

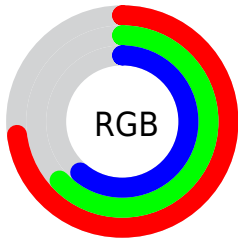
Format	Color
RYB	186, 161, 155
Decimal	12230811
CIELab	67.98, 8.72, 6.13
CIElCh	68, 10.655, 35.093
Yxy	37.9473, 0.3429, 0.3359
Android (android.graphics.Color)	4290420891 (0xFFBAA09B)
YUV	167.2040, -6.0166, 16.4841
Hunter-Lab	61.6014, 4.4440, 8.1895

Details

The XYZ color **38.7369, 37.9473, 36.2932** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.9040, 43.5604, 52.8122**, and the grayscale version is **36.8535, 38.7727, 42.2235**.

A 20% lighter version of the original color is **72.4270, 72.0816, 70.4174**, and **17.6402, 16.9233, 15.4335** is the 20% darker color. If you saturate the color by 10%, you get **34.7573, 32.2982, 27.8445**, and if you desaturate by 10%, it is **43.2985, 44.3746, 46.1239**.

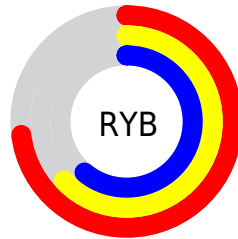
Distribution



Red (73%)

Green (63%)

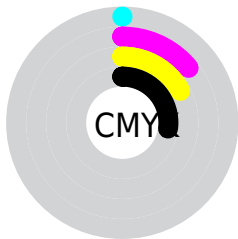
Blue (61%)



Red (73%)

Yellow (63%)

Blue (61%)

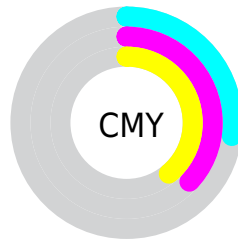


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (37%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7369, 37.9473, 36.2932 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 38.7369, 37.9473, 36.2932 by changing the saturation by 10% instead.


 38.7369, 37.9473,
36.2932


 38.7369, 37.9473,
36.2932


331.9971,
337.3938, 345.3163

 26.7349, 25.9418,
24.3692

 72.5329, 72.0274,
70.6585

 17.5098, 16.7801,
15.3930


 95.0576, 94.8707,
93.9369

 10.6962, 10.0778,
8.9460


121.8205,
122.0954, 121.8373

 5.9287, 5.4506,
4.6096

153.1871,
154.0859, 154.7780

 2.8420, 2.5140,
1.9654

189.5227,
191.2267, 193.1778

 1.0708, 0.8836,
0.5339

231.1927,

 0.0005, 0.0000,

233.9019, 237.4551

0.0000

278.5624,
282.4962, 288.0284

■ 0.0000, 0.0000,
0.0000

■ 38.7369, 37.9473,
36.2932

■ 38.7369, 37.9473,
36.2932

■ 34.7573, 32.2982,
27.8445

■ 43.2985, 44.3746,
46.1239

■ 31.3332, 27.3927,
20.7135

■ 48.4611, 51.6029,
57.3923

■ 28.4403, 23.2013,
14.8341

■ 54.2468, 59.6603,
70.1539

■ 26.0517, 19.6905,
10.1339

■ 60.6754, 68.5719,
84.4606

■ 24.1378, 16.8239,
6.5327

■ 67.7661, 78.3621,
100.3618

■ 22.6660, 14.5620,
3.9403

■ 73.6122, 88.2839,
107.7685

■ 21.5991, 12.8604,
2.2524

■ 74.0598, 89.1792,
107.9177

■ 20.8914, 11.6679,
1.3291

■ 20.7147, 11.3688,
1.1026

Harmonies

Analogous

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



39.3339, 37.9473, 40.5138



38.7369, 37.9473, 36.2932



37.4257, 37.9473, 33.5853

Triad

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



38.7369, 37.9473, 36.2932



33.2556, 37.9473, 37.5946



36.3512, 37.9473, 51.0853

Complementary

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



38.7369, 37.9473, 36.2932



38.9040, 43.5604, 52.8122

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.



34.7430, 37.9473, 50.1552



38.7369, 37.9473, 36.2932



32.9876, 37.9473, 42.1331

Square

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



38.7369, 37.9473, 36.2932



34.2676, 37.9473, 34.2955



33.5242, 37.9473, 46.7868



37.9299, 37.9473, 49.2395

Rectangle

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



38.7369, 37.9473, 36.2932



36.3409, 37.9473, 32.8806



33.5242, 37.9473, 46.7868



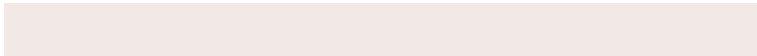
35.7960, 37.9473, 51.0882

Sweetspot

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



38.7379, 37.9490, 36.2940



79.8888, 82.4078, 86.6599



40.3479, 37.2328, 48.9650



17.4538, 17.9524, 18.7818



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.



38.7379, 37.9490, 36.2940



67.4505, 64.8707, 59.8875



41.5257, 43.5244, 37.2232



9.1186, 9.2402, 9.4098



13.9733, 7.7230, 0.7542



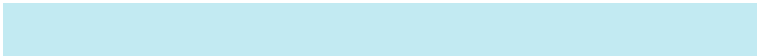
0.5294, 0.3459, 0.0389

Inverse Universe

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



38.9040, 43.5604, 52.8122



67.8067, 76.9593, 95.4822



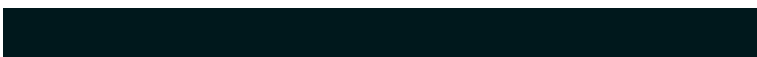
35.9899, 37.7321, 51.8408



9.1399, 9.9571, 11.5196



14.0044, 18.4684, 34.0797



0.5271, 0.7178, 1.2125

Previews

White Background



This preview shows how the XYZ color 38.7369, 37.9473, 36.2932 looks on a white background.

Color Contrast Check

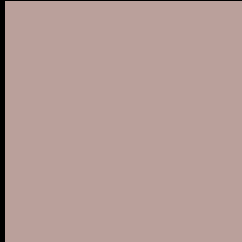
Large Text (above 18pt) WCAG AA × Fail

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 38.7369, 37.9473, 36.2932 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 38.7369, 37.9473, 36.2932

Background



This preview shows how black text looks on a background with the XYZ color 38.7369, 37.9473, 36.2932.



This preview shows how white text looks on a background with the XYZ color 38.7369, 37.9473,

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

38.7369, 37.9473, 36.2932

Protanopia

36.4213, 38.0368, 37.7700

Deuteranopia

38.7369, 37.9473, 36.2932



Tritanopia

40.2216, 38.0474, 43.2542

Trichromacy



Original Color

38.7369, 37.9473, 36.2932

Protanomaly

37.0875, 37.8588, 37.2510

Deuteranomaly

38.7369, 37.9473, 36.2932

Tritanomaly

39.6832, 38.0777, 40.8555

Monochromacy



Original Color

38.7369, 37.9473, 36.2932

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

37.3419, 38.1939, 40.0544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7369, 37.9473, 36.2932 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(186, 160, 155)` looks like.

```
.text, #text, p{  
    color:rgb(186, 160, 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(186, 160, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 160, 155) }
```

Border

The CSS property to change the border of an element to XYZ 38.7369, 37.9473, 36.2932 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(186, 160, 155) }
```


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

```
.border{ border-color:rgb(186, 160, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 160, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 160, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 160, 155);  
box-shadow:4px 4px 4px 4px rgb(186, 160,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7369, 37.9473, 36.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 160, 155) }
```

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

```
.background{ background-color: rgb(186,  
160, 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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