

Converting Colors

XYZ(37.8091, 36.2153, 39.8319)

Have a look what the booklet for
XYZ(37.8091, 36.2153, 39.8319)
contains.

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Color

**XYZ(37.6236, 36.0321,
39.6222)**

Conversions

Conversions Part 1

Format	Color
Hex	B69BA3
RGB	182, 155, 163
RGB Percent	71%, 61%, 64%
CMY	0.2863, 0.3921, 0.3608
CMYK	0.00, 0.15, 0.10, 0.29
HSL	342°, 16%, 66%
HSV	342°, 15%, 71%
XYZ	37.6236, 36.0321, 39.6222
YIQ	163.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

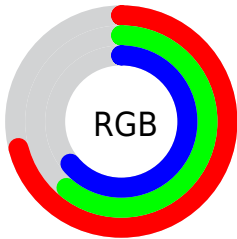
Format	Color
RYB	182, 155, 163
Decimal	11967395
CIELab	66.54, 11.33, -0.47
CIELCh	67, 11.337, 357.628
Yxy	36.0321, 0.3321, 0.3181
Android (android.graphics.Color)	4290157475 (0xFFB69BA3)
YUV	163.9850, -0.4856, 15.7992
Hunter-Lab	60.0267, 6.8335, 2.8828

Details

The XYZ color **37.6236, 36.0321, 39.6222** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8869, 43.4814, 46.4424**, and the grayscale version is **35.2780, 37.1152, 40.4185**.

A 20% lighter version of the original color is **70.7152, 68.8400, 75.8900**, and **16.8728, 15.7155, 17.1830** is the 20% darker color. If you saturate the color by 10%, you get **33.7300, 29.9891, 32.9460**, and if you desaturate by 10%, it is **42.0921, 43.0379, 47.0645**.

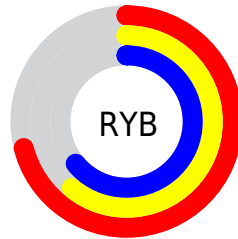
Distribution



Red (71%)

Green (61%)

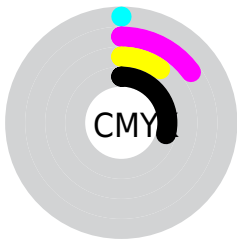
Blue (64%)



Red (71%)

Yellow (61%)

Blue (64%)

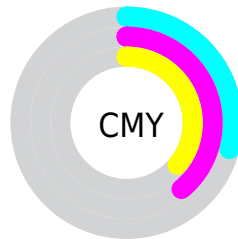


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.6236, 36.0321, 39.6222 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 37.6236, 36.0321, 39.6222 by changing the saturation by 10% instead.


 37.6236, 36.0321,
39.6222


 37.6236, 36.0321,
39.6222

327.3114,
329.1008, 360.0333

 25.8666, 24.4590,
26.9326


 70.8385, 69.0816,
75.8187

 16.8560, 15.6744,
17.2906


 93.0270, 91.3268,
100.1625

 10.2265, 9.2941,
10.2777


119.4235,
117.8981, 129.2283

 5.6128, 4.9335,
5.4755

150.3931,
149.1800, 163.4344

 2.6495, 2.2083,
2.4653

186.3014,
185.5568, 203.1994

 0.9713, 0.7245,
0.8217

227.5137,

 0.0000, 0.0000,

227.4130, 248.9418

0.0000

274.3952,
275.1328, 301.0803

■ 37.6236, 36.0321,
39.6222

■ 37.6236, 36.0321,
39.6222

■ 33.7300, 29.9891,
32.9460

■ 42.0921, 43.0379,
47.0645

■ 30.3843, 24.8620,
27.0086

■ 47.1547, 51.0411,
55.2942

■ 27.5621, 20.6070,
21.7845

■ 52.8337, 60.0806,
64.3348

■ 25.2359, 17.1752,
17.2458

■ 59.1492, 70.1917,
74.2081

■ 23.3752, 14.5124,
13.3625

■ 66.1203, 81.4082,
84.9349

■ 21.9466, 12.5581,
10.1024

■ 70.7583, 87.7479,
95.5330

■ 20.9114, 11.2426,
7.4301

■ 72.7278, 88.5356,
105.9042

■ 20.2233, 10.4812,
5.3058

■ 73.1016, 88.6852,
107.8728

■ 19.9554, 10.2107,
4.3981

Harmonies

Analogous

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



37.0875, 36.0321, 44.4699



37.6236, 36.0321, 39.6222



37.2305, 36.0321, 35.0437

Triad

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



37.6236, 36.0321, 39.6222



32.7516, 36.0321, 31.4986



32.5243, 36.0321, 47.6962

Complementary

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



37.6236, 36.0321, 39.6222



37.8869, 43.4814, 46.4424

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.



31.4281, 36.0321, 43.7432



37.6236, 36.0321, 39.6222



31.5562, 36.0321, 34.4239

Square

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



37.6236, 36.0321, 39.6222



34.3831, 36.0321, 30.5909



31.0795, 36.0321, 38.8460



34.1121, 36.0321, 49.3659

Rectangle

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



37.6236, 36.0321, 39.6222



36.5015, 36.0321, 32.7059



31.0795, 36.0321, 38.8460



32.0882, 36.0321, 46.5751

Sweetspot

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



37.6246, 36.0337, 39.6230



76.9758, 79.0723, 86.4177



37.5994, 35.8090, 49.1866



16.8572, 17.2373, 18.8498



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.



37.6246, 36.0337, 39.6230



65.6458, 61.3306, 67.4784



37.8493, 37.5937, 36.2737



9.1111, 9.0548, 9.9327



14.1180, 7.2210, 3.2423



0.5258, 0.2658, 0.2622

Inverse Universe

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



37.6246, 36.0337, 39.6230



65.6458, 61.3306, 67.4784



37.6055, 41.6335, 50.3105



9.1111, 9.0548, 9.9327



14.1180, 7.2210, 3.2423



0.5258, 0.2658, 0.2622

Previews

White Background



This preview shows how the XYZ color 37.6236, 36.0321, 39.6222 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 37.6236, 36.0321, 39.6222 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 37.6236, 36.0321, 39.6222

Background



This preview shows how black text looks on a background with the XYZ color 37.6236, 36.0321, 39.6222.



This preview shows how white text looks on a background with the XYZ color 37.6236, 36.0321,

39.6222.

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

37.6236, 36.0321, 39.6222

Protanopia

34.8242, 36.0663, 41.6853

Deuteranopia

36.7993, 36.1054, 39.6798



Tritanopia

37.7299, 35.8095, 40.9997

Trichromacy



Original Color

37.6236, 36.0321, 39.6222

Protanomaly

35.8586, 36.0955, 41.1536

Deuteranomaly

37.0897, 36.0050, 39.6451

Tritanomaly

37.6385, 35.7729, 40.5184

Monochromacy



Original Color

37.6236, 36.0321, 39.6222

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.2403, 36.8280, 40.3204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6236, 36.0321, 39.6222 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(182, 155, 163)` looks like.

```
.text, #text, p{  
    color:rgb(182, 155, 163)  
}
```

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(182, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 155, 163) }
```

Border

The CSS property to change the border of an element to XYZ 37.6236, 36.0321, 39.6222 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(182, 155, 163) }
```


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

```
.border{ border-color:rgb(182, 155, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(182, 155,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6236, 36.0321, 39.6222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 155, 163) }
```

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

```
.background{ background-color: rgb(182,  
155, 163) }
```

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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