

Converting Colors

XYZ(37.4301, 36.1166, 39.1916)

Have a look what the booklet for
XYZ(37.4301, 36.1166, 39.1916)
contains.

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Color

**XYZ(37.4661, 36.2093,
39.1968)**

Conversions

Conversions Part 1

Format	Color
Hex	B59CA2
RGB	181, 156, 162
RGB Percent	71%, 61%, 64%
CMY	0.2902, 0.3882, 0.3647
CMYK	0.00, 0.14, 0.10, 0.29
HSL	346°, 14%, 66%
HSV	346°, 14%, 71%
XYZ	37.4661, 36.2093, 39.1968
YIQ	164.1590, 12.9740, 7.1660

Conversions

Conversions Part 2

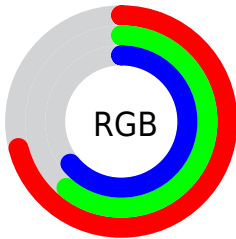
Format	Color
RYB	181, 156, 162
Decimal	11902114
CIELab	66.68, 10.23, 0.28
CIELCh	67, 10.236, 1.548
Yxy	36.2093, 0.3319, 0.3208
Android (android.graphics.Color)	4290092194 (0xFFB59CA2)
YUV	164.1590, -1.0644, 14.7696
Hunter-Lab	60.1742, 5.8343, 3.5010

Details

The XYZ color **37.4661, 36.2093, 39.1968** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9734, 43.2117, 46.8988**, and the grayscale version is **35.3637, 37.2053, 40.5166**.

A 20% lighter version of the original color is **70.7437, 69.6028, 75.3517**, and **16.7681, 15.8181, 16.9213** is the 20% darker color. If you saturate the color by 10%, you get **33.4956, 30.1192, 32.1662**, and if you desaturate by 10%, it is **42.0251, 43.2614, 47.0846**.

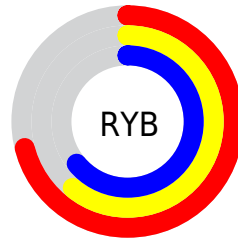
Distribution



Red (71%)

Green (61%)

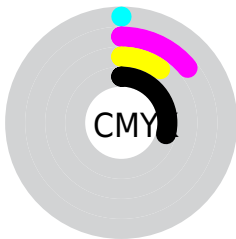
Blue (64%)



Red (71%)

Yellow (61%)

Blue (64%)

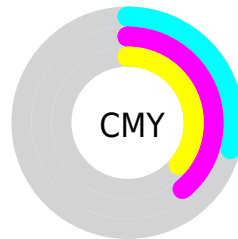


Cyan (0%)

Magenta (14%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4661, 36.2093, 39.1968 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 37.4661, 36.2093, 39.1968 by changing the saturation by 10% instead.

■ 37.4661, 36.2093,
39.1968

■ 37.4661, 36.2093,
39.1968

326.6447,
329.8744, 358.1774

■ 25.7439, 24.5959,
26.6039

■ 70.5983, 69.3550,
75.1625

■ 16.7638, 15.7762,
17.0461

■ 92.7389, 91.6561,
99.3724

■ 10.1605, 9.3660,
10.1051

119.0831,
118.2885, 128.2916

■ 5.5686, 4.9806,
5.3622

149.9962,
149.6366, 162.3388

■ 2.6227, 2.2359,
2.3989

185.8436,
186.0849, 201.9324

■ 0.9575, 0.7395,
0.7858

226.9906,

■ 0.0000, 0.0000,

228.0177, 247.4910

0.0000

273.8025,
275.8194, 299.4331

■ 37.4661, 36.2093,
39.1968

■ 37.4661, 36.2093,
39.1968

■ 33.4956, 30.1192,
32.1662

■ 42.0251, 43.2614,
47.0846

■ 30.0862, 24.9445,
25.9612

■ 47.1923, 51.3096,
55.8551

■ 27.2131, 20.6423,
20.5518

■ 52.9904, 60.3925,
65.5356

■ 24.8482, 17.1641,
15.9049

■ 59.4397, 70.5450,
76.1515

■ 22.9608, 14.4566,
11.9854

■ 66.5599, 81.8005,
87.7270

■ 21.5169, 12.4605,
8.7551

■ 71.2287, 87.9089,
99.2388

■ 20.4775, 11.1073,
6.1721

■ 72.8663, 88.5639,
107.8618

■ 19.7967, 10.3153,
4.1892

■ 19.5001, 10.0014,
3.2290

Harmonies

Analogous

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



37.0895, 36.2093, 43.6119



37.4661, 36.2093, 39.1968



37.0053, 36.2093, 35.1471

Triad

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



37.4661, 36.2093, 39.1968



32.8875, 36.2093, 32.6221



33.0223, 36.2093, 47.3740

Complementary

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



37.4661, 36.2093, 39.1968



37.9734, 43.2117, 46.8988

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.



31.9501, 36.2093, 44.0383



37.4661, 36.2093, 39.1968



31.8739, 36.2093, 35.5165

Square

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



37.4661, 36.2093, 39.1968



34.3358, 36.2093, 31.5309



31.5358, 36.2093, 39.6556



34.4960, 36.2093, 48.5393

Rectangle

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



37.4661, 36.2093, 39.1968



36.2931, 36.2093, 33.1419



31.5358, 36.2093, 39.6556



32.6045, 36.2093, 46.4576

Sweetspot

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



37.4671, 36.2109, 39.1976



75.0424, 77.1333, 83.9447



37.8533, 36.1999, 48.7087



16.0803, 16.4555, 17.9049



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.4671, 36.2109, 39.1976



64.5144, 60.8715, 65.6557



38.0224, 38.1543, 36.8149



8.5772, 8.5376, 9.2718



13.4662, 6.9040, 2.3489



0.4469, 0.2265, 0.1958

Inverse Universe

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



37.4671, 36.2109, 39.1976



64.5144, 60.8715, 65.6557



37.3334, 40.9680, 49.6564



8.5772, 8.5376, 9.2718



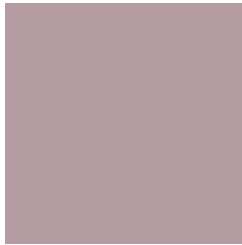
13.4662, 6.9040, 2.3489



0.4469, 0.2265, 0.1958

Previews

White Background



This preview shows how the XYZ color 37.4661, 36.2093, 39.1968 looks on a white background.

Color Contrast Check

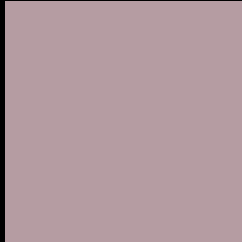
Large Text (above 18pt) WCAG AA × Fail

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 37.4661, 36.2093, 39.1968 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 37.4661, 36.2093, 39.1968

Background



This preview shows how black text looks on a background with the XYZ color 37.4661, 36.2093, 39.1968.



This preview shows how white text looks on a background with the XYZ color 37.4661, 36.2093,

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

37.4661, 36.2093, 39.1968

Protanopia

34.8462, 36.0989, 40.7285

Deuteranopia

36.9387, 36.1876, 39.2204



Tritanopia

37.9878, 36.1778, 41.5401

Trichromacy



Original Color

37.4661, 36.2093, 39.1968

Protanomaly

35.6765, 36.0227, 40.1947

Deuteranomaly

37.1690, 36.3063, 39.2312

Tritanomaly

37.8043, 36.1044, 40.5737

Monochromacy



Original Color

37.4661, 36.2093, 39.1968

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.9333, 36.6801, 39.8364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4661, 36.2093, 39.1968 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(181, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(181, 156, 162)  
}
```

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(181, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 156, 162) }
```

Border

The CSS property to change the border of an element to XYZ 37.4661, 36.2093, 39.1968 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(181, 156, 162) }
```


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

```
.border{ border-color:rgb(181, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(181, 156,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4661, 36.2093, 39.1968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 156, 162) }
```

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

```
.background{ background-color: rgb(181,  
156, 162) }
```

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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