

Converting Colors

XYZ(37.4591, 36.9416, 40.2781)

Have a look what the booklet for
XYZ(37.4591, 36.9416, 40.2781)
contains.

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Color

**XYZ(37.4591, 36.9416,
40.2781)**

Conversions

Conversions Part 1

Format	Color
Hex	B29FA4
RGB	178, 159, 164
RGB Percent	70%, 62%, 64%
CMY	0.3020, 0.3765, 0.3569
CMYK	0.00, 0.11, 0.08, 0.30
HSL	344°, 11%, 66%
HSV	344°, 11%, 70%
XYZ	37.4591, 36.9416, 40.2781
YIQ	165.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

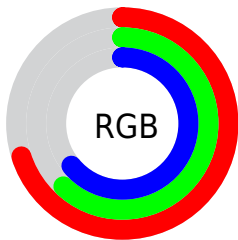
Format	Color
RYB	178, 159, 164
Decimal	11706276
CIELab	67.23, 7.82, -0.07
CIElCh	67, 7.823, 359.521
Yxy	36.9416, 0.3266, 0.3221
Android (android.graphics.Color)	4289896356 (0xFFB29FA4)
YUV	165.2510, -0.6167, 11.1809
Hunter-Lab	60.7796, 3.6471, 3.2548

Details

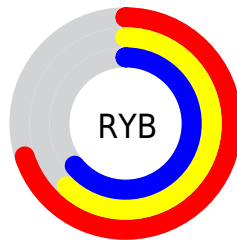
The XYZ color **37.4591, 36.9416, 40.2781** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7627, 42.2298, 45.6981**, and the grayscale version is **35.8851, 37.7539, 41.1140**.

A 20% lighter version of the original color is **70.7644, 70.7000, 76.9346**, and **16.7446, 16.2550, 17.5842** is the 20% darker color. If you saturate the color by 10%, you get **33.4918, 30.8057, 33.4093**, and if you desaturate by 10%, it is **41.9916, 44.0112, 47.9391**.

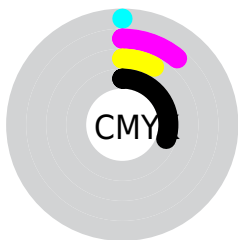
Distribution



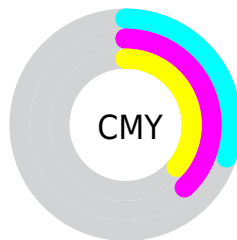
- Red (70%)
- Green (62%)
- Blue (64%)



- Red (70%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (30%)





- Cyan (30%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4591, 36.9416, 40.2781 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 37.4591, 36.9416, 40.2781 by changing the saturation by 10% instead.

 37.4591, 36.9416,
40.2781


 37.4591, 36.9416,
40.2781

326.6150,
333.0576, 362.8812

 25.7385, 25.1623,
27.4400


 70.5876, 70.4830,
76.8285

 16.7597, 16.1980,
17.6686


 92.7261, 93.0138,
101.3779

 10.1576, 9.6644,
10.5454

119.0680,
119.8972, 130.6682

 5.5666, 5.1770,
5.6517

149.9786,
151.5177, 165.1179

 2.6215, 2.3515,
2.5691

185.8232,
188.2596, 205.1454

 0.9569, 0.8008,
0.8765

226.9673,

 0.0000, 0.0000,

230.5072, 251.1695

0.0000

273.7761,
278.6451, 303.6086

■ 37.4591, 36.9416,
40.2781

■ 37.4591, 36.9416,
40.2781

■ 33.4918, 30.8057,
33.4093

■ 41.9916, 44.0112,
47.9391

■ 30.0640, 25.5597,
27.3047

■ 47.1071, 52.0464,
56.4144

■ 27.1528, 21.1634,
21.9379

■ 52.8270, 61.0834,
65.7281

■ 24.7324, 17.5718,
17.2803

■ 59.1701, 71.1551,
75.9027

■ 22.7748, 14.7355,
13.3012

■ 66.1548, 82.2931,
86.9597

■ 21.2488, 12.5998,
9.9676

■ 70.2541, 87.4386,
97.7385

■ 20.1194, 11.1025,
7.2435

■ 72.1703, 88.2051,
107.8292

■ 19.3456, 10.1702,
5.0888

■ 18.8698, 9.6689,
3.5422

Harmonies

Analogous

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



37.1288, 36.9416, 43.6527



37.4591, 36.9416, 40.2781



37.1487, 36.9416, 37.0681

Triad

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



37.4591, 36.9416, 40.2781



33.9922, 36.9416, 34.7663



33.9597, 36.9416, 46.1627

Complementary

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



37.4591, 36.9416, 40.2781



37.7627, 42.2298, 45.6981

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.



33.1509, 36.9416, 43.5523



37.4591, 36.9416, 40.2781



33.1694, 36.9416, 36.9780

Square

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



37.4591, 36.9416, 40.2781



35.1311, 36.9416, 33.9974



32.8648, 36.9416, 40.1682



35.0927, 36.9416, 47.1660

Rectangle

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



37.4591, 36.9416, 40.2781



36.6241, 36.9416, 35.4242



32.8648, 36.9416, 40.1682



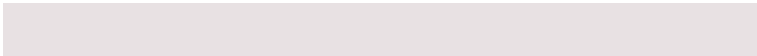
33.6419, 36.9416, 45.4370

Sweetspot

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



37.4601, 36.9432, 40.2789



74.0981, 76.6041, 83.4956



37.6541, 36.8890, 47.2557



16.2663, 16.7370, 18.2458



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.



37.4601, 36.9432, 40.2789



65.9984, 63.9947, 69.7279



37.7936, 38.3182, 38.2071



8.5851, 8.5408, 9.3135



13.5240, 6.9272, 2.6537



0.4501, 0.2278, 0.2129

Inverse Universe

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



37.4601, 36.9432, 40.2789



65.9984, 63.9947, 69.7279



37.3877, 40.6914, 48.0037



8.5851, 8.5408, 9.3135



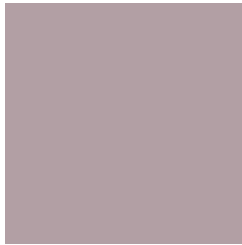
13.5240, 6.9272, 2.6537



0.4501, 0.2278, 0.2129

Previews

White Background



This preview shows how the XYZ color 37.4591, 36.9416, 40.2781 looks on a white background.

Color Contrast Check

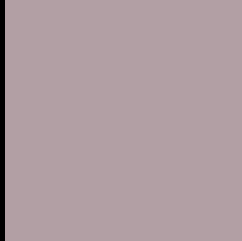
Large Text (above 18pt) WCAG AA × Fail

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 37.4591, 36.9416, 40.2781 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 37.4591, 36.9416, 40.2781

Background



This preview shows how black text looks on a background with the XYZ color 37.4591, 36.9416, 40.2781.



This preview shows how white text looks on a background with the XYZ color 37.4591, 36.9416,

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

37.4591, 36.9416, 40.2781

Protanopia

35.7060, 37.0546, 41.3467

Deuteranopia

37.6894, 37.0603, 40.2889



Tritanopia

38.0730, 36.9397, 43.1536

Trichromacy



Original Color

37.4591, 36.9416, 40.2781

Protanomaly

36.2894, 37.1033, 40.8463

Deuteranomaly

37.6894, 37.0603, 40.2889

Tritanomaly

37.8851, 36.8646, 42.1646

Monochromacy



Original Color

37.4591, 36.9416, 40.2781

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.4663, 37.4570, 40.9053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4591, 36.9416, 40.2781 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(178, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(178, 159, 164)  
}
```

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(178, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 159, 164) }
```

Border

The CSS property to change the border of an element to XYZ 37.4591, 36.9416, 40.2781 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(178, 159, 164) }
```


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

```
.border{ border-color:rgb(178, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(178, 159,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4591, 36.9416, 40.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 159, 164) }
```

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

```
.background{ background-color: rgb(178,  
159, 164) }
```

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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