

Converting Colors

XYZ(37.0272, 37.8799, 40.5372)

Have a look what the booklet for
XYZ(37.0272, 37.8799, 40.5372)
contains.

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Color

**XYZ(37.0316, 37.7590,
40.4584)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA3A4
RGB	173, 163, 164
RGB Percent	68%, 64%, 64%
CMY	0.3216, 0.3608, 0.3569
CMYK	0.00, 0.06, 0.05, 0.32
HSL	354°, 6%, 66%
HSV	354°, 6%, 68%
XYZ	37.0316, 37.7590, 40.4584
YIQ	166.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

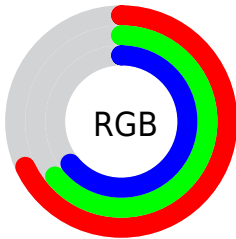
Format	Color
RYB	173, 163, 164
Decimal	11379620
CIELab	67.84, 3.80, 0.77
CIELCh	68, 3.874, 11.488
Yxy	37.7590, 0.3213, 0.3276
Android (android.graphics.Color)	4289569700 (0xFFADA3A4)
YUV	166.1040, -1.0373, 6.0478
Hunter-Lab	61.4484, 0.0377, 3.9765

Details

The XYZ color **37.0316, 37.7590, 40.4584** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4956, 40.6531, 44.9023**, and the grayscale version is **36.2996, 38.1900, 41.5890**.

A 20% lighter version of the original color is **69.8525, 71.7513, 77.1856**, and **16.4942, 16.6037, 17.6647** is the 20% darker color. If you saturate the color by 10%, you get **32.8462, 31.5027, 32.5436**, and if you desaturate by 10%, it is **41.8116, 44.9279, 49.4222**.

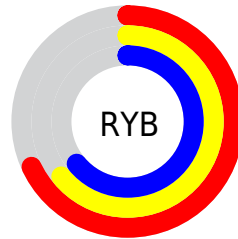
Distribution



Red (68%)

Green (64%)

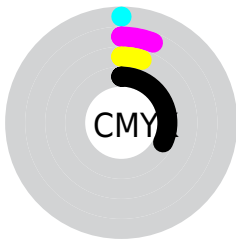
Blue (64%)



Red (68%)

Yellow (64%)

Blue (64%)

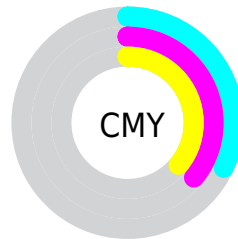


Cyan (0%)

Magenta (6%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0316, 37.7590, 40.4584 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 37.0316, 37.7590, 40.4584 by changing the saturation by 10% instead.

■ 37.0316, 37.7590,
40.4584

■ 37.0316, 37.7590,
40.4584

324.8005,
336.5850, 363.6613

■ 25.4057, 25.7957,
27.5796

■ 69.9349, 71.7386,
77.1058

■ 16.5099, 16.6709,
17.7727

■ 91.9431, 94.5237,
101.7114

■ 9.9788, 10.0001,
10.6192

118.1427,
121.6848, 131.0631

■ 5.4471, 5.3990,
5.7005

148.8992,
153.6064, 165.5794

■ 2.5493, 2.4832,
2.5980

184.5778,
190.6728, 205.6788

■ 0.9202, 0.8682,
0.8914

225.5440,

■ 0.0000, 0.0000,

233.2684, 251.7799

0.0000

272.1631,
281.7777, 304.3012

■ 37.0316, 37.7590,
40.4584

■ 37.0316, 37.7590,
40.4584

■ 32.8462, 31.5027,
32.5436

■ 41.8116, 44.9279,
49.4222

■ 29.2291, 26.1177,
25.6371

■ 47.2050, 53.0389,
59.4690

■ 26.1567, 21.5668,
19.6991

■ 53.2335, 62.1261,
70.6340

■ 23.6025, 17.8083,
14.6862

■ 59.9169, 72.2204,
82.9504

■ 21.5379, 14.7969,
10.5517

■ 67.2741, 83.3515,
96.4497

■ 19.9312, 12.4824,
7.2448

■ 71.0437, 87.6243,
107.7765

■ 18.7473, 10.8090,
4.7097

■ 17.9459, 9.7119,
2.8832

■ 17.4761, 9.1081,
1.6916

Harmonies

Analogous

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



36.9942, 37.7590, 42.1714



37.0316, 37.7590, 40.4584



36.7602, 37.7590, 38.9623

Triad

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



37.0316, 37.7590, 40.4584



35.1297, 37.7590, 38.6868



35.5236, 37.7590, 44.3274

Complementary

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



37.0316, 37.7590, 40.4584



37.4956, 40.6531, 44.9023

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.



35.0313, 37.7590, 43.3417



37.0316, 37.7590, 40.4584



34.8056, 37.7590, 40.0727

Square

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



37.0316, 37.7590, 40.4584



35.6594, 37.7590, 37.9587



34.7698, 37.7590, 41.7749



36.1191, 37.7590, 44.4377

Rectangle

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



37.0316, 37.7590, 40.4584



36.4425, 37.7590, 38.2768



34.7698, 37.7590, 41.7749



35.3408, 37.7590, 44.0862

Sweetspot

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



37.0327, 37.7606, 40.4592



69.4007, 72.2379, 78.2456



37.6544, 37.9839, 44.8826



15.1030, 15.7300, 17.0434



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



37.0327, 37.7606, 40.4592



65.2546, 66.0272, 70.4469



37.6643, 39.1673, 40.2273



8.2188, 8.3006, 8.8470



12.7469, 6.5613, 1.0466



0.3647, 0.1866, 0.0825

Inverse Universe

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



37.0327, 37.7606, 40.4592



65.2546, 66.0272, 70.4469



36.8364, 39.1809, 45.1567



8.2188, 8.3006, 8.8470



12.7469, 6.5613, 1.0466



0.3647, 0.1866, 0.0825

Previews

White Background



This preview shows how the XYZ color 37.0316, 37.7590, 40.4584 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 37.0316, 37.7590, 40.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

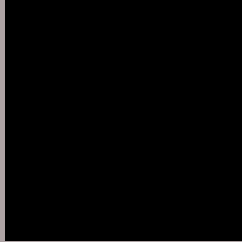
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0316, 37.7590, 40.4584

Background



This preview shows how black text looks on a background with the XYZ color 37.0316, 37.7590, 40.4584.

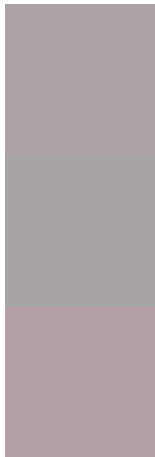


This preview shows how white text looks on a background with the XYZ color 37.0316, 37.7590,

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

37.0316, 37.7590, 40.4584

Protanopia

36.2154, 37.5924, 40.9446

Deuteranopia

38.4184, 37.6820, 40.8458



Tritanopia

37.8404, 37.5444, 45.2968

Trichromacy



Original Color

37.0316, 37.7590, 40.4584

Protanomaly

36.6446, 37.8136, 40.9647

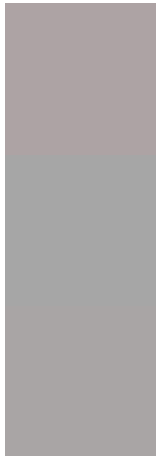
Deuteranomaly

37.8965, 37.6713, 40.8712

Tritanomaly

37.6316, 37.7416, 43.3317

Monochromacy



Original Color

37.0316, 37.7590, 40.4584

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.6089, 38.0619, 41.0145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0316, 37.7590, 40.4584 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(173, 163, 164)` looks like.

```
.text, #text, p{  
    color:rgb(173, 163, 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(173, 163, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 163, 164) }
```

Border

The CSS property to change the border of an element to XYZ 37.0316, 37.7590, 40.4584 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(173, 163, 164) }
```


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

```
.border{ border-color:rgb(173, 163, 164) }
```

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

Here you see how a box with a 4 pixel rgb(173, 163, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 163, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 163, 164);  
box-shadow:4px 4px 4px 4px rgb(173, 163,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0316, 37.7590, 40.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 163, 164) }
```

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

```
.background{ background-color: rgb(173,  
163, 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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