

Converting Colors

XYZ(37.4243, 40.3875, 34.8019)

Have a look what the booklet for
XYZ(37.4243, 40.3875, 34.8019)
contains.

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Color

**XYZ(37.3015, 40.2121,
34.6499)**

Conversions

Conversions Part 1

Format	Color
Hex	ADAB96
RGB	173, 171, 150
RGB Percent	68%, 67%, 59%
CMY	0.3216, 0.3294, 0.4118
CMYK	0.00, 0.01, 0.13, 0.32
HSL	55°, 12%, 63%
HSV	55°, 13%, 68%
XYZ	37.3015, 40.2121, 34.6499
YIQ	169.2040, 7.9330, -6.1070

Conversions

Conversions Part 2

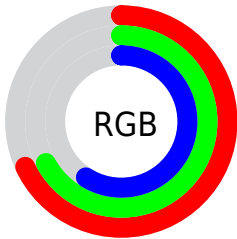
Format	Color
RYB	152, 173, 150
Decimal	11381654
CIELab	69.62, -2.98, 11.08
CIElCh	70, 11.470, 105.067
Yxy	40.2121, 0.3326, 0.3585
Android (android.graphics.Color)	4289571734 (0xFFADAB96)
YUV	169.2040, -9.4676, 3.3291
Hunter-Lab	63.4130, -5.9735, 11.9921

Details

The XYZ color **37.3015, 40.2121, 34.6499** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3486, 31.9569, 44.0515**, and the grayscale version is **37.8566, 39.8281, 43.3728**.

A 20% lighter version of the original color is **70.4085, 75.4104, 67.9715**, and **16.7341, 18.1595, 14.4275** is the 20% darker color. If you saturate the color by 10%, you get **35.7285, 39.1330, 27.7526**, and if you desaturate by 10%, it is **39.0856, 41.3835, 42.6333**.

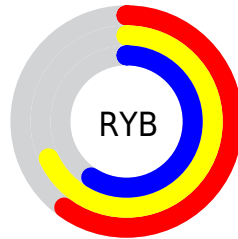
Distribution



Red (68%)

Green (67%)

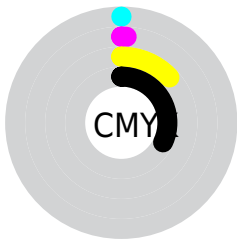
Blue (59%)



Red (60%)

Yellow (68%)

Blue (59%)

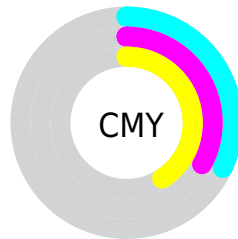


Cyan (0%)

Magenta (1%)

Yellow (13%)

Black (32%)



Cyan (32%)

Magenta (33%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3015, 40.2121, 34.6499 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 37.3015, 40.2121, 34.6499 by changing the saturation by 10% instead.

■ 37.3015, 40.2121,
34.6499

■ 37.3015, 40.2121,
34.6499

325.9469,
347.0167, 337.8775

■ 25.6158, 27.7040,
23.1119

■ 70.3471, 75.4864,
68.0885

■ 16.6676, 18.1026,
14.4701

■ 92.4376, 99.0213,
90.8261

■ 10.0916, 11.0237,
8.3059

118.7271,
127.0006, 118.1341

■ 5.5225, 6.0828,
4.2007

149.5810,
159.8087, 150.4309

■ 2.5948, 2.8955,
1.7361

185.3646,
197.8300, 188.1351

■ 0.9433, 1.0774,
0.3853

226.4432,

■ 0.0000, 0.0000,

241.4488, 231.6653

0.0000

273.1822,
291.0496, 281.4399

■ 37.3015, 40.2121,
34.6499

■ 37.3015, 40.2121,
34.6499

■ 35.7285, 39.1330,
27.7526

■ 39.0856, 41.3835,
42.6333

■ 34.3543, 38.1373,
21.8916

■ 41.0861, 42.6452,
51.7446

■ 33.1704, 37.2228,
17.0168

■ 43.3119, 44.0022,
62.0265

■ 32.1664, 36.3853,
13.0733

■ 45.7706, 45.4576,
73.5189

■ 31.3307, 35.6203,
10.0005

■ 48.4694, 47.0143,
86.2596

■ 30.6505, 34.9225,
7.7309

■ 51.4152, 48.6750,
100.2849

■ 30.1110, 34.2861,
6.1868

■ 51.9123, 49.3615,
101.3994

■ 29.6947, 33.7039,
5.2756

■ 52.2204, 49.9777,
101.5021

■ 29.4583, 33.3335,
4.8814

■ 52.5317, 50.6004,
101.6059

Harmonies

Analogous

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



39.1461, 40.2121, 34.6446



37.3015, 40.2121, 34.6499



35.7527, 40.2121, 36.9642

Triad

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



37.3015, 40.2121, 34.6499



35.7583, 40.2121, 51.4140



41.7681, 40.2121, 46.4671

Complementary

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



37.3015, 40.2121, 34.6499



31.3486, 31.9569, 44.0515

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.



40.7991, 40.2121, 51.3953



37.3015, 40.2121, 34.6499



37.3094, 40.2121, 54.4043

Square

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



37.3015, 40.2121, 34.6499



34.8815, 40.2121, 46.4911



39.1543, 40.2121, 54.3972



41.7658, 40.2121, 41.1843

Rectangle

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



37.3015, 40.2121, 34.6499



35.0791, 40.2121, 39.6211



39.1543, 40.2121, 54.3972



41.5438, 40.2121, 48.2291

Sweetspot

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



37.3026, 40.2139, 34.6508



69.7388, 73.9472, 75.1736



33.8325, 32.9743, 34.4168



15.1025, 16.0359, 16.0964



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.



37.3026, 40.2139, 34.6508



65.9268, 71.4266, 58.1698



35.7176, 39.9607, 34.6854



8.6024, 9.2095, 8.5376



21.6623, 24.5301, 3.5931



0.6196, 0.7164, 0.1056

Inverse Universe

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



31.3486, 31.9569, 44.0515



53.1349, 53.6871, 78.3679



32.7874, 32.2218, 44.0267



7.6327, 7.8648, 10.0685



5.6860, 2.5058, 29.2285



0.1758, 0.1049, 0.8190

Previews

White Background



This preview shows how the XYZ color 37.3015, 40.2121, 34.6499 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 37.3015, 40.2121, 34.6499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

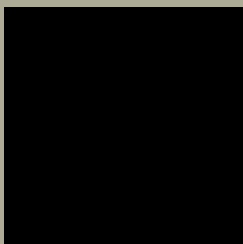
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

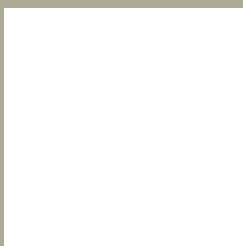
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.3015, 40.2121, 34.6499

Background



This preview shows how black text looks on a background with the XYZ color 37.3015, 40.2121, 34.6499.



This preview shows how white text looks on a background with the XYZ color 37.3015, 40.2121,

34.6499.

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

37.3015, 40.2121, 34.6499

Protanopia

37.9729, 40.0108, 34.1552

Deuteranopia

40.8537, 40.1227, 34.8694



Tritanopia

40.1884, 40.2798, 48.8366

Trichromacy



Original Color

37.3015, 40.2121, 34.6499

Protanomaly

37.7040, 40.1495, 34.1962

Deuteranomaly

39.6543, 40.3109, 34.9689

Tritanomaly

39.0686, 40.0999, 43.2170

Monochromacy



Original Color

37.3015, 40.2121, 34.6499

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.4739, 39.9041, 39.9096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3015, 40.2121, 34.6499 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, 171, 150)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 150)  
}
```

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, 171, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 150) }
```

Border

The CSS property to change the border of an element to XYZ 37.3015, 40.2121, 34.6499 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, 171, 150) }
```


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

```
.border{ border-color:rgb(173, 171, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 171, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 150);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3015, 40.2121, 34.6499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 150) }
```

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

```
.background{ background-color: rgb(173,  
171, 150) }
```

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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