

Converting Colors

XYZ(37.2709, 40.7331, 36.0349)

Have a look what the booklet for
XYZ(37.2709, 40.7331, 36.0349)
contains.

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Color

**XYZ(37.2709, 40.7331,
36.0349)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | AAAD99 |
| RGB | 170, 173, 153 |
| RGB Percent | 67%, 68%, 60% |
| CMY | 0.3333, 0.3216, 0.4000 |
| CMYK | 0.02, 0.00, 0.12, 0.32 |
| HSL | 69°, 11%, 64% |
| HSV | 69°, 12%, 68% |
| XYZ | 37.2709, 40.7331, 36.0349 |
| YIQ | 169.8230, 4.6320, -6.8560 |

Conversions

Conversions Part 2

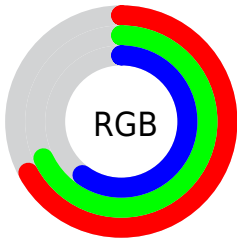
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 153, 173, 156 |
| Decimal | 11185561 |
| CIELab | 69.99, -4.67, 9.92 |
| CIElCh | 70, 10.959, 115.215 |
| Yxy | 40.7331, 0.3268, 0.3572 |
| Android (android.graphics.Color) | 4289375641 (0xFFAAAD99) |
| YUV | 169.8230, -8.2937, 0.1552 |
| Hunter-Lab | 63.8225, -7.4494, 11.1999 |

Details

The XYZ color **37.2709, 40.7331, 36.0349** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6460, 32.8686, 44.1610**, and the grayscale version is **38.1596, 40.1469, 43.7200**.

A 20% lighter version of the original color is **70.0572, 75.9994, 70.0084**, and **16.7069, 18.4856, 15.2579** is the 20% darker color. If you saturate the color by 10%, you get **35.3887, 39.9173, 29.0209**, and if you desaturate by 10%, it is **39.3736, 41.6410, 44.1424**.

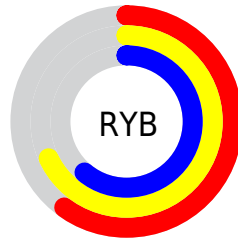
Distribution



Red (67%)

Green (68%)

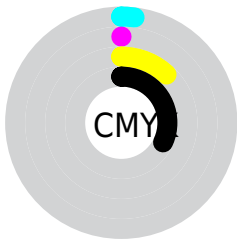
Blue (60%)



Red (60%)

Yellow (68%)

Blue (61%)

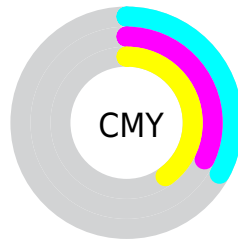


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (32%)



Cyan (33%)

Magenta (32%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2709, 40.7331, 36.0349 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 37.2709, 40.7331, 36.0349 by changing the saturation by 10% instead.

■ 37.2709, 40.7331,
36.0349

■ 37.2709, 40.7331,
36.0349

325.8171,
349.2039, 344.1551

■ 25.5919, 28.1106,
24.1712

■ 70.3004, 76.2786,
70.2556

■ 16.6497, 18.4090,
15.2473

■ 92.3816, 99.9703,
93.4497

■ 10.0788, 11.2441,
8.8446

118.6609,
128.1206, 121.2577

■ 5.5139, 6.2312,
4.5445

149.5038,
161.1138, 154.0981

■ 2.5897, 2.9862,
1.9286

185.2754,
199.3344, 192.3896

■ 0.9407, 1.1245,
0.5108

226.3413,

■ 0.0000, 0.0000,

243.1666, 236.5505

0.0000

273.0667,
292.9950, 286.9995

■ 37.2709, 40.7331,
36.0349

■ 37.2709, 40.7331,
36.0349

■ 35.3887, 39.9173,
29.0209

■ 39.3736, 41.6410,
44.1424

■ 33.7148, 39.1848,
23.0511

■ 41.7020, 42.6392,
53.3847

■ 32.2407, 38.5335,
18.0761

■ 44.2650, 43.7325,
63.8043

■ 30.9561, 37.9592,
14.0417

■ 47.0702, 44.9240,
75.4404

■ 29.8495, 37.4573,
10.8885

■ 50.1249, 46.2166,
88.3308

■ 28.9083, 37.0229,
8.5503

■ 53.1440, 47.4963,
100.9745

■ 28.1182, 36.6502,
6.9515

■ 53.7791, 47.8237,
101.0042

■ 27.4621, 36.3323,
6.0025

■ 54.4257, 48.1571,
101.0344

■ 26.9817, 36.0943,
5.5448

■ 55.0840, 48.4964,
101.0652

Harmonies

Analogous

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



39.0028, 40.7331, 35.2545



37.2709, 40.7331, 36.0349



35.9630, 40.7331, 38.9735

Triad

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



37.2709, 40.7331, 36.0349



36.7892, 40.7331, 52.9296



42.2397, 40.7331, 45.1770

Complementary

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



37.2709, 40.7331, 36.0349



32.6460, 32.8686, 44.1610

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.



41.6052, 40.7331, 50.2026



37.2709, 40.7331, 36.0349



38.4298, 40.7331, 54.8924

Square

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



37.2709, 40.7331, 36.0349



35.6909, 40.7331, 48.6748



40.1971, 40.7331, 53.8581



41.9065, 40.7331, 40.2919

Rectangle

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



37.2709, 40.7331, 36.0349



35.4891, 40.7331, 41.8885



40.1971, 40.7331, 53.8581



42.1320, 40.7331, 46.9091

Sweetspot

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



37.2720, 40.7349, 36.0358



69.9262, 74.3210, 76.7620



34.8732, 34.9622, 35.0480



15.1297, 16.1229, 16.4217



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.



37.2720, 40.7349, 36.0358



65.8064, 72.5423, 60.9764



35.1920, 39.6626, 35.9384



8.5427, 9.2684, 8.5521



19.8591, 26.5348, 4.0750



0.5839, 0.7544, 0.1148

Inverse Universe

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



32.6460, 32.8686, 44.1610



55.7854, 55.5016, 78.5784



34.6613, 33.9076, 44.2553



7.6867, 7.8128, 10.0556



5.8854, 2.3939, 29.1964



0.1973, 0.0839, 0.8138

Previews

White Background



This preview shows how the XYZ color 37.2709, 40.7331, 36.0349 looks on a white background.

Color Contrast Check

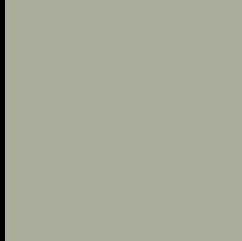
Large Text (above 18pt) WCAG AA × Fail

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 37.2709, 40.7331, 36.0349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

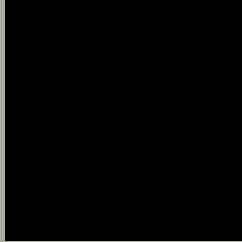
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

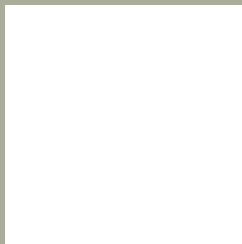
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.2709, 40.7331, 36.0349

Background



This preview shows how black text looks on a background with the XYZ color 37.2709, 40.7331, 36.0349.



This preview shows how white text looks on a background with the XYZ color 37.2709, 40.7331,

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

37.2709, 40.7331, 36.0349

Protanopia

38.4023, 40.4814, 35.4954

Deuteranopia

41.3638, 40.6143, 36.6696



Tritanopia

40.0870, 40.7520, 50.0091

Trichromacy



Original Color

37.2709, 40.7331, 36.0349

Protanomaly

37.9096, 40.5068, 35.5263

Deuteranomaly

39.8430, 40.6526, 36.3186

Tritanomaly

38.9590, 40.5740, 44.3063

Monochromacy



Original Color

37.2709, 40.7331, 36.0349

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.8413, 40.3522, 40.9163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2709, 40.7331, 36.0349 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(170, 173, 153)` looks like.

```
.text, #text, p{  
    color:rgb(170, 173, 153)  
}
```

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(170, 173, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 173, 153) }
```

Border

The CSS property to change the border of an element to XYZ 37.2709, 40.7331, 36.0349 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(170, 173, 153) }
```


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

```
.border{ border-color:rgb(170, 173, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 173, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 173, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 173, 153);  
box-shadow:4px 4px 4px 4px rgb(170, 173,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2709, 40.7331, 36.0349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 173, 153) }
```

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

```
.background{ background-color: rgb(170,  
173, 153) }
```

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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