

Converting Colors

XYZ(37.3001, 36.7735, 44.1618)

Have a look what the booklet for
XYZ(37.3001, 36.7735, 44.1618)
contains.

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Color

**XYZ(37.3001, 36.7735,
44.1618)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9FAC
RGB	174, 159, 172
RGB Percent	68%, 62%, 67%
CMY	0.3176, 0.3765, 0.3255
CMYK	0.00, 0.09, 0.01, 0.32
HSL	308°, 8%, 65%
HSV	308°, 9%, 68%
XYZ	37.3001, 36.7735, 44.1618
YIQ	164.9670, 4.7670, 7.2230

Conversions

Conversions Part 2

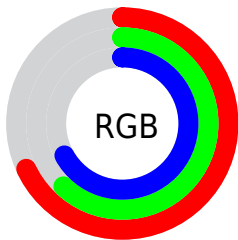
Format	Color
RYB	174, 159, 172
Decimal	11444140
CIELab	67.11, 7.85, -4.76
CIELCh	67, 9.177, 328.779
Yxy	36.7735, 0.3155, 0.3110
Android (android.graphics.Color)	4289634220 (0xFFAE9FAC)
YUV	164.9670, 3.4673, 7.9219
Hunter-Lab	60.6412, 3.6725, -0.7290

Details

The XYZ color **37.3001, 36.7735, 44.1618** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8686, 40.2173, 39.5924**, and the grayscale version is **35.7316, 37.5924, 40.9381**.

A 20% lighter version of the original color is **70.5448, 70.4622, 82.5555**, and **16.7788, 16.2188, 20.0155** is the 20% darker color. If you saturate the color by 10%, you get **34.2955, 31.1174, 42.0706**, and if you desaturate by 10%, it is **40.7319, 43.2768, 46.4155**.

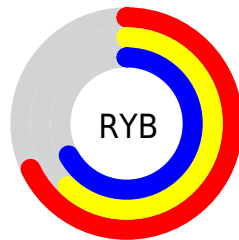
Distribution



Red (68%)

Green (62%)

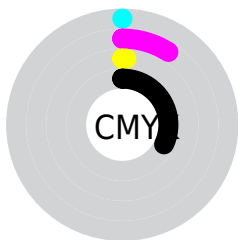
Blue (67%)



Red (68%)

Yellow (62%)

Blue (67%)

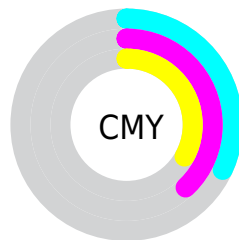


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (32%)



Cyan (32%)

Magenta (38%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3001, 36.7735, 44.1618 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 37.3001, 36.7735, 44.1618 by changing the saturation by 10% instead.

■ 37.3001, 36.7735,
44.1618

■ 37.3001, 36.7735,
44.1618

325.9410,
332.3289, 379.4288

■ 25.6147, 25.0322,
30.4596

■ 70.3449, 70.2243,
82.7662

■ 16.6668, 16.1010,
19.9327

■ 92.4351, 92.7025,
108.5055

■ 10.0910, 9.5957,
12.1625

118.7241,
119.5286, 139.0943

■ 5.5221, 5.1317,
6.7306

149.5775,
151.0867, 174.9511

■ 2.5946, 2.3247,
3.2183

185.3605,
187.7614, 216.4943

■ 0.9432, 0.7868,
1.2072

226.4385,

■ 0.0000, 0.0000,

229.9371, 264.1427

0.0000

273.1769,
277.9981, 318.3147

■ 37.3001, 36.7735,
44.1618

■ 37.3001, 36.7735,
44.1618

■ 34.2955, 31.1174,
42.0706

■ 40.7319, 43.2768,
46.4155

■ 31.6974, 26.2686,
40.1336

■ 44.6043, 50.6554,
48.8348

■ 29.4882, 22.1914,
38.3453

■ 48.9338, 58.9422,
51.4260

■ 27.6476, 18.8452,
36.6987

■ 53.7354, 68.1667,
54.1940

■ 26.1535, 16.1860,
35.1864

■ 59.0233, 78.3573,
57.1437

■ 24.9815, 14.1650,
33.8003

■ 62.0707, 84.0608,
59.3662

■ 24.1039, 12.7267,
32.5308

■ 62.3194, 84.1602,
60.6756

■ 23.4884, 11.8066,
31.3673

■ 62.5720, 84.2613,
62.0061

■ 23.0772, 11.2891,
30.2903

■ 62.8288, 84.3640,
63.3580

Harmonies

Analogous

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



36.2614, 36.7735, 47.1689



37.3001, 36.7735, 44.1618



37.7072, 36.7735, 40.2043

Triad

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



37.3001, 36.7735, 44.1618



35.0094, 36.7735, 32.8304



32.6500, 36.7735, 43.8594

Complementary

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



37.3001, 36.7735, 44.1618



35.8686, 40.2173, 39.5924

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.



32.3346, 36.7735, 39.8764



37.3001, 36.7735, 44.1618



33.6747, 36.7735, 33.6683

Square

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



37.3001, 36.7735, 44.1618



36.3631, 36.7735, 33.8146



32.7048, 36.7735, 36.1832



33.5781, 36.7735, 46.9863

Rectangle

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



37.3001, 36.7735, 44.1618



37.5576, 36.7735, 37.6141



32.7048, 36.7735, 36.1832



32.4700, 36.7735, 42.5682

Sweetspot

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



37.3012, 36.7751, 44.1626



71.0264, 73.0768, 82.3434



34.7376, 35.4312, 45.0530



15.6757, 16.0324, 18.2291



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.3012, 36.7751, 44.1626



66.7605, 65.0075, 79.4955



36.6010, 36.4950, 40.4758



8.2904, 8.1294, 9.8402



16.7158, 8.1489, 21.9468



0.4775, 0.2317, 0.6762

Inverse Universe

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



37.3012, 36.7751, 44.1626



66.7605, 65.0075, 79.4955



36.5499, 40.4898, 43.1805



8.2904, 8.1294, 9.8402



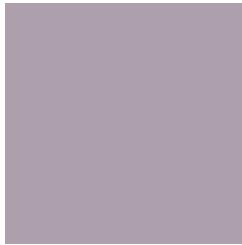
16.7158, 8.1489, 21.9468



0.4775, 0.2317, 0.6762

Previews

White Background



This preview shows how the XYZ color 37.3001, 36.7735, 44.1618 looks on a white background.

Color Contrast Check

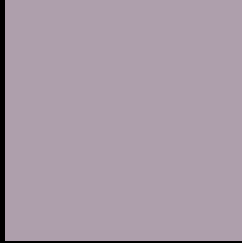
Large Text (above 18pt) WCAG AA × Fail

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 37.3001, 36.7735, 44.1618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

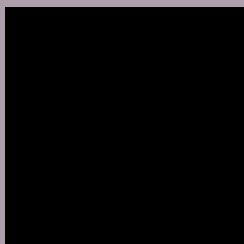
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3001, 36.7735, 44.1618

Background



This preview shows how black text looks on a background with the XYZ color 37.3001, 36.7735, 44.1618.



This preview shows how white text looks on a background with the XYZ color 37.3001, 36.7735,

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

37.3001, 36.7735, 44.1618

Protanopia

35.6646, 36.6832, 45.2452

Deuteranopia

37.5237, 36.8888, 44.1723



Tritanopia

37.3001, 36.7735, 44.1618

Trichromacy



Original Color

37.3001, 36.7735, 44.1618

Protanomaly

36.2240, 36.7224, 44.7141

Deuteranomaly

37.5237, 36.8888, 44.1723

Tritanomaly

37.3001, 36.7735, 44.1618

Monochromacy



Original Color

37.3001, 36.7735, 44.1618

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.3135, 37.3464, 42.3404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3001, 36.7735, 44.1618 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(174, 159, 172)` looks like.

```
.text, #text, p{  
    color:rgb(174, 159, 172)  
}
```

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(174, 159, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 159, 172) }
```

Border

The CSS property to change the border of an element to XYZ 37.3001, 36.7735, 44.1618 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(174, 159, 172) }
```


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

```
.border{ border-color:rgb(174, 159, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 159, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 159, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 159, 172);  
box-shadow:4px 4px 4px 4px rgb(174, 159,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3001, 36.7735, 44.1618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 159, 172) }
```

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

```
.background{ background-color: rgb(174,  
159, 172) }
```

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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