

Converting Colors

XYZ(36.8322, 37.1990, 40.4575)

Have a look what the booklet for
XYZ(36.8322, 37.1990, 40.4575)
contains.

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Color

**XYZ(36.6793, 37.0543,
40.3409)**

Conversions

Conversions Part 1

Format	Color
Hex	ADA1A4
RGB	173, 161, 164
RGB Percent	68%, 63%, 64%
CMY	0.3216, 0.3686, 0.3569
CMYK	0.00, 0.07, 0.05, 0.32
HSL	345°, 7%, 65%
HSV	345°, 7%, 68%
XYZ	36.6793, 37.0543, 40.3409
YIQ	164.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

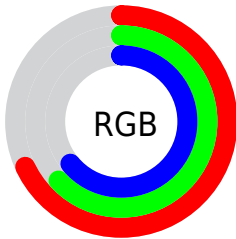
Format	Color
RYB	173, 161, 164
Decimal	11379108
CIELab	67.32, 4.90, 0.01
CIELCh	67, 4.896, 0.069
Yxy	37.0543, 0.3215, 0.3248
Android (android.graphics.Color)	4289569188 (0xFFADA1A4)
YUV	164.9300, -0.4585, 7.0774
Hunter-Lab	60.8722, 1.0309, 3.3182

Details

The XYZ color **36.6793, 37.0543, 40.3409** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8986, 40.3675, 43.8792**, and the grayscale version is **35.7315, 37.5924, 40.9381**.

A 20% lighter version of the original color is **69.3370, 70.7202, 77.0137**, and **16.3857, 16.3867, 17.6286** is the 20% darker color. If you saturate the color by 10%, you get **32.7501, 30.9764, 33.5407**, and if you desaturate by 10%, it is **41.1486, 44.0199, 47.9122**.

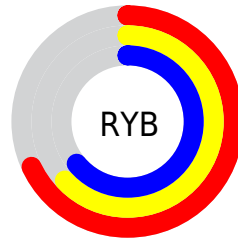
Distribution



Red (68%)

Green (63%)

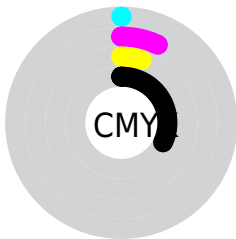
Blue (64%)



Red (68%)

Yellow (63%)

Blue (64%)

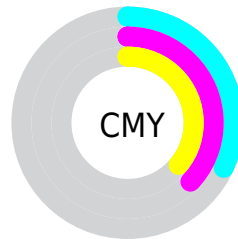


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (37%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6793, 37.0543, 40.3409 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 36.6793, 37.0543, 40.3409 by changing the saturation by 10% instead.

■ 36.6793, 37.0543,
40.3409

■ 36.6793, 37.0543,
40.3409

323.2997,
333.5455, 363.1531

■ 25.1318, 25.2495,
27.4886

■ 69.3963, 70.6563,
76.9251

■ 16.3045, 16.2631,
17.7049

■ 91.2965, 93.2223,
101.4941

■ 9.8321, 9.7105,
10.5711

117.3784,
120.1442, 130.8058

■ 5.3492, 5.2074,
5.6687

148.0073,
151.8064, 165.2787

■ 2.4904, 2.3695,
2.5792

183.5485,
188.5932, 205.3313

■ 0.8904, 0.8101,
0.8817

224.3674,

■ 0.0000, 0.0000,

230.8890, 251.3822

0.0000

270.8293,
279.0784, 303.8500

■ 36.6793, 37.0543,
40.3409

■ 36.6793, 37.0543,
40.3409

■ 32.7501, 30.9764,
33.5407

■ 41.1486, 44.0199,
47.9122

■ 29.3371, 25.7458,
27.4847

■ 46.1743, 51.9018,
56.2755

■ 26.4194, 21.3261,
22.1480

■ 51.7760, 60.7336,
65.4540

■ 23.9735, 17.6765,
17.5031

■ 57.9713, 70.5454,
75.4692

■ 21.9737, 14.7524,
13.5210

■ 64.7771, 81.3662,
86.3417

■ 20.3920, 12.5048,
10.1706

■ 69.0016, 86.8075,
97.0221

■ 19.1970, 10.8785,
7.4178

■ 71.0197, 87.6147,
107.6494

■ 18.3526, 9.8096,
5.2252

■ 71.0438, 87.6244,
107.7765

■ 17.8084, 9.2063,
3.5484

Harmonies

Analogous

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



36.4822, 37.0543, 42.4396



36.6793, 37.0543, 40.3409



36.4805, 37.0543, 38.3138

Triad

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



36.6793, 37.0543, 40.3409



34.5021, 37.0543, 36.8796



34.5051, 37.0543, 44.0279

Complementary

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



36.6793, 37.0543, 40.3409



36.8986, 40.3675, 43.8792

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.



33.9869, 37.0543, 42.4485



36.6793, 37.0543, 40.3409



33.9853, 37.0543, 38.3221

Square

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



36.6793, 37.0543, 40.3409



35.2173, 37.0543, 36.3592



33.7980, 37.0543, 40.3508



35.2207, 37.0543, 44.6137

Rectangle

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



36.6793, 37.0543, 40.3409



36.1518, 37.0543, 37.2642



33.7980, 37.0543, 40.3508



34.3024, 37.0543, 43.5929

Sweetspot

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



36.6803, 37.0559, 40.3417



69.4903, 72.2737, 78.7175



36.8665, 37.0546, 44.7449



15.1214, 15.7373, 17.1404



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.



36.6803, 37.0559, 40.3417



64.7933, 64.9697, 70.7091



36.9433, 38.0098, 39.1096



8.0843, 8.0470, 8.7545



13.0038, 6.6641, 2.3996



0.3836, 0.1941, 0.1819

Inverse Universe

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



36.6803, 37.0559, 40.3417



64.7933, 64.9697, 70.7091



36.6168, 39.3448, 45.2001



8.0843, 8.0470, 8.7545



13.0038, 6.6641, 2.3996



0.3836, 0.1941, 0.1819

Previews

White Background



This preview shows how the XYZ color 36.6793, 37.0543, 40.3409 looks on a white background.

Color Contrast Check

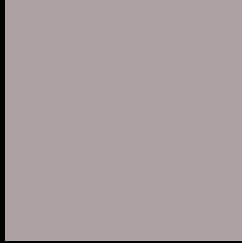
Large Text (above 18pt) WCAG AA × Fail

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 36.6793, 37.0543, 40.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

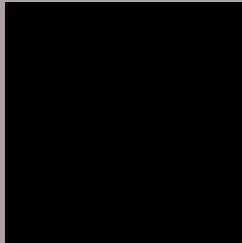
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.6793, 37.0543, 40.3409

Background



This preview shows how black text looks on a background with the XYZ color 36.6793, 37.0543, 40.3409.



This preview shows how white text looks on a background with the XYZ color 36.6793, 37.0543,

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

36.6793, 37.0543, 40.3409

Protanopia

35.6146, 37.0180, 40.8654

Deuteranopia

37.6894, 37.0603, 40.2889



Tritanopia

37.4728, 37.1188, 44.2194

Trichromacy



Original Color

36.6793, 37.0543, 40.3409

Protanomaly

36.0740, 36.9923, 40.8362

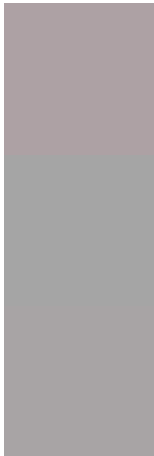
Deuteranomaly

37.4031, 37.1691, 40.3249

Tritanomaly

37.1878, 37.0049, 42.7188

Monochromacy



Original Color

36.6793, 37.0543, 40.3409

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.2154, 37.5924, 40.9446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6793, 37.0543, 40.3409 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, 161, 164)` looks like.

```
.text, #text, p{  
    color:rgb(173, 161, 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, 161, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 161, 164) }
```

Border

The CSS property to change the border of an element to XYZ 36.6793, 37.0543, 40.3409 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, 161, 164) }
```


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

```
.border{ border-color:rgb(173, 161, 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, 161, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 161, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 161, 164);  
box-shadow:4px 4px 4px 4px rgb(173, 161,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6793, 37.0543, 40.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 161, 164) }
```

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

```
.background{ background-color: rgb(173,  
161, 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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