

Converting Colors

XYZ(36.7778, 37.4522, 40.8649)

Have a look what the booklet for
XYZ(36.7778, 37.4522, 40.8649)
contains.

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Color

**XYZ(36.7251, 37.3279,
40.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA2A5
RGB	172, 162, 165
RGB Percent	67%, 64%, 65%
CMY	0.3255, 0.3647, 0.3529
CMYK	0.00, 0.06, 0.04, 0.33
HSL	342°, 6%, 65%
HSV	342°, 6%, 67%
XYZ	36.7251, 37.3279, 40.8667
YIQ	165.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

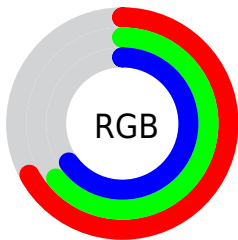
Format	Color
RYB	172, 162, 165
Decimal	11313829
CIELab	67.52, 4.17, -0.26
CIELCh	68, 4.174, 356.390
Yxy	37.3279, 0.3196, 0.3248
Android (android.graphics.Color)	4289503909 (0xFFACA2A5)
YUV	165.3320, -0.1637, 5.8478
Hunter-Lab	61.0966, 0.3772, 3.1093

Details

The XYZ color **36.7251, 37.3279, 40.8667** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8156, 40.0519, 43.3284**, and the grayscale version is **35.9235, 37.7943, 41.1580**.

A 20% lighter version of the original color is **69.4097, 71.1239, 77.7802**, and **16.3023, 16.3372, 17.9170** is the 20% darker color. If you saturate the color by 10%, you get **32.8552, 31.2602, 34.4208**, and if you desaturate by 10%, it is **41.1148, 44.2690, 47.9961**.

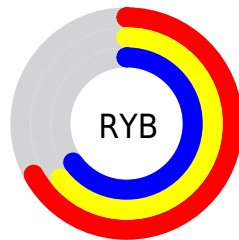
Distribution



Red (67%)

Green (64%)

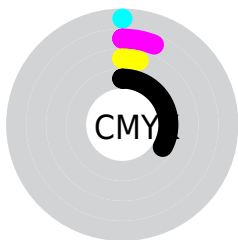
Blue (65%)



Red (67%)

Yellow (64%)

Blue (65%)

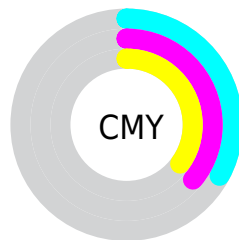


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (33%)



Cyan (33%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.7251, 37.3279, 40.8667 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 36.7251, 37.3279, 40.8667 by changing the saturation by 10% instead.

■ 36.7251, 37.3279,
40.8667

■ 36.7251, 37.3279,
40.8667

323.4951,
334.7280, 365.4233

■ 25.1674, 25.4615,
27.8960

■ 69.4664, 71.0768,
77.7330

■ 16.3312, 16.4212,
18.0089

■ 91.3807, 93.7281,
102.4656

■ 9.8512, 9.8227,
10.7869

117.4779,
120.7431, 131.9561

■ 5.3619, 5.2816,
5.8114

148.1233,
152.5062, 166.6228

■ 2.4981, 2.4134,
2.6638

183.6824,
189.4019, 206.8843

■ 0.8943, 0.8328,
0.9251

224.5205,

■ 0.0000, 0.0000,

231.8145, 253.1592

0.0000

271.0029,
280.1284, 305.8660

■ 36.7251, 37.3279,
40.8667

■ 36.7251, 37.3279,
40.8667

■ 32.8552, 31.2602,
34.4208

■ 41.1148, 44.2690,
47.9961

■ 29.4824, 26.0265,
28.6356

■ 46.0396, 52.1112,
55.8262

■ 26.5869, 21.5915,
23.4901

■ 51.5181, 60.8871,
64.3767

■ 24.1465, 17.9156,
18.9618

■ 57.5672, 70.6262,
73.6655

■ 22.1369, 14.9556,
15.0264

■ 64.2027, 81.3566,
83.7102

■ 20.5316, 12.6643,
11.6580

■ 68.0979, 86.4205,
93.4134

■ 19.3013, 10.9882,
8.8287

■ 69.9201, 87.1494,
103.0090

■ 18.4119, 9.8662,
6.5079

■ 70.8235, 87.5108,
107.7662

■ 17.8205, 9.2187,
4.6602

Harmonies

Analogous

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



36.5169, 37.3279, 42.6318



36.7251, 37.3279, 40.8667



36.5961, 37.3279, 39.0928

Triad

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



36.7251, 37.3279, 40.8667



34.9333, 37.3279, 37.5590



34.8003, 37.3279, 43.6591

Complementary

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



36.7251, 37.3279, 40.8667



36.8156, 40.0519, 43.3284

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.



34.3849, 37.3279, 42.2351



36.7251, 37.3279, 40.8667



34.4611, 37.3279, 38.7184

Square

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



36.7251, 37.3279, 40.8667



35.5568, 37.3279, 37.2172



34.2615, 37.3279, 40.4216



35.4014, 37.3279, 44.2744

Rectangle

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



36.7251, 37.3279, 40.8667



36.3372, 37.3279, 38.1378



34.2615, 37.3279, 40.4216



34.6346, 37.3279, 43.2571

Sweetspot

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



36.7262, 37.3295, 40.8675



69.5202, 72.2857, 78.8751



36.7301, 37.2559, 44.2854



15.1276, 15.7398, 17.1727



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.



36.7262, 37.3295, 40.8675



65.6508, 66.1857, 72.5331



36.8115, 37.9317, 39.5657



8.2710, 8.3215, 9.1217



13.1363, 6.7171, 3.0974



0.3899, 0.1966, 0.2150

Inverse Universe

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



36.7262, 37.3295, 40.8675



65.6508, 66.1857, 72.5331



36.7226, 39.4105, 44.7017



8.2710, 8.3215, 9.1217



13.1363, 6.7171, 3.0974



0.3899, 0.1966, 0.2150

Previews

White Background



This preview shows how the XYZ color 36.7251, 37.3279, 40.8667 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 36.7251, 37.3279, 40.8667 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 36.7251, 37.3279, 40.8667

Background



This preview shows how black text looks on a background with the XYZ color 36.7251, 37.3279, 40.8667.



This preview shows how white text looks on a background with the XYZ color 36.7251, 37.3279,

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

36.7251, 37.3279, 40.8667

Protanopia

36.0947, 37.5196, 41.4160

Deuteranopia

38.1035, 37.2527, 41.2586



Tritanopia

37.5213, 37.3911, 44.7748

Trichromacy



Original Color

36.7251, 37.3279, 40.8667

Protanomaly

36.3423, 37.3826, 41.3765

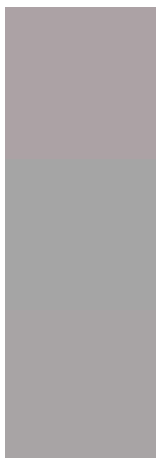
Deuteranomaly

37.5852, 37.2419, 41.2838

Tritanomaly

37.2341, 37.2763, 43.2628

Monochromacy



Original Color

36.7251, 37.3279, 40.8667

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 36.7251, 37.3279, 40.8667 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(172, 162, 165)` looks like.

```
.text, #text, p{  
    color:rgb(172, 162, 165)  
}
```

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(172, 162, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 162, 165) }
```

Border

The CSS property to change the border of an element to XYZ 36.7251, 37.3279, 40.8667 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(172, 162, 165) }
```


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

```
.border{ border-color:rgb(172, 162, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 162, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 162, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 162, 165);  
box-shadow:4px 4px 4px 4px rgb(172, 162,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7251, 37.3279, 40.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 162, 165) }
```

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

```
.background{ background-color: rgb(172,  
162, 165) }
```

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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