

Converting Colors

XYZ(36.0572, 37.8529, 42.5424)

Have a look what the booklet for
XYZ(36.0572, 37.8529, 42.5424)
contains.

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Color

**XYZ(36.0401, 37.7368,
42.4302)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A5A8
RGB	165, 165, 168
RGB Percent	65%, 65%, 66%
CMY	0.3529, 0.3529, 0.3412
CMYK	0.02, 0.02, 0.00, 0.34
HSL	240°, 2%, 65%
HSV	240°, 2%, 66%
XYZ	36.0401, 37.7368, 42.4302
YIQ	165.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

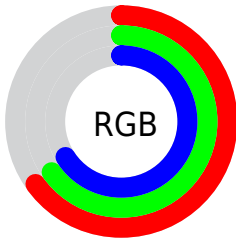
Format	Color
RYB	165, 165, 168
Decimal	10855848
CIELab	67.83, 0.58, -1.56
CIELCh	68, 1.660, 290.381
Yxy	37.7368, 0.3101, 0.3247
Android (android.graphics.Color)	4289045928 (0xFFA5A5A8)
YUV	165.3420, 1.3104, -0.2999
Hunter-Lab	61.4303, -2.7801, 2.0493

Details

The XYZ color **36.0401, 37.7368, 42.4302** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9427, 39.0462, 41.1875**, and the grayscale version is **35.9235, 37.7944, 41.1581**.

A 20% lighter version of the original color is **68.4277, 71.7298, 80.0507**, and **15.8676, 16.5819, 18.8873** is the 20% darker color. If you saturate the color by 10%, you get **29.9416, 30.3908, 41.3343**, and if you desaturate by 10%, it is **42.9971, 46.1173, 43.6817**.

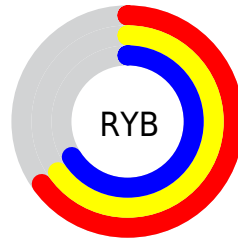
Distribution



Red (65%)

Green (65%)

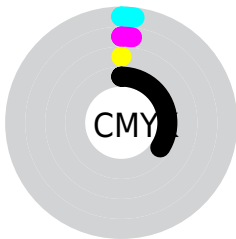
Blue (66%)



Red (65%)

Yellow (65%)

Blue (66%)

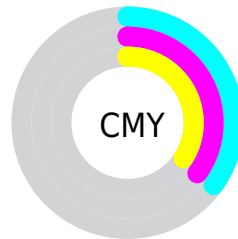


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (35%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.0401, 37.7368, 42.4302 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 36.0401, 37.7368, 42.4302 by changing the saturation by 10% instead.

■ 36.0401, 37.7368,
42.4302

■ 36.0401, 37.7368,
42.4302

320.5640,
336.4896, 372.1153

■ 24.6354, 25.7785,
29.1102

■ 68.4174, 71.7045,
80.1274

■ 15.9329, 16.6580,
18.9179

■ 90.1208, 94.4827,
105.3417

■ 9.5672, 9.9909,
11.4348

115.9877,
121.6364, 135.3579

■ 5.1730, 5.3930,
6.2422

146.3836,
153.5498, 170.5944

■ 2.3849, 2.4796,
2.9218

181.6739,
190.6075, 211.4699

■ 0.8376, 0.8664,
1.0548

222.2237,

■ 0.0000, 0.0000,

233.1937, 258.4028

0.0000

268.3987,
281.6929, 311.8118

■ 36.0401, 37.7368,
42.4302

■ 36.0401, 37.7368,
42.4302

■ 29.9416, 30.3908,
41.3343

■ 42.9971, 46.1173,
43.6817

■ 24.6653, 24.0346,
40.3855

■ 50.8407, 55.5651,
45.0919

■ 20.1770, 18.6273,
39.5783

■ 59.6017, 66.1176,
46.6670

■ 16.4389, 14.1235,
38.9060

■ 69.3083, 77.8090,
48.4121

■ 13.4101, 10.4739,
38.3612

■ 79.9879, 90.6718,
50.3320

■ 11.0458, 7.6246,
37.9359

■ 84.0680, 95.6072,
51.0695

■ 9.2961, 5.5156,
37.6210

■ 8.1041, 4.0784,
37.4064

■ 7.4023, 3.2316,
37.2800

Harmonies

Analogous

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



35.7852, 37.7368, 42.5004



36.0401, 37.7368, 42.4302



36.2498, 37.7368, 41.9982

Triad

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



36.0401, 37.7368, 42.4302



36.1838, 37.7368, 40.0082



35.3826, 37.7368, 40.8529

Complementary

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



36.0401, 37.7368, 42.4302



36.9427, 39.0462, 41.1875

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.



35.4883, 37.7368, 40.1929



36.0401, 37.7368, 42.4302



35.9504, 37.7368, 39.7091

Square

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



36.0401, 37.7368, 42.4302



36.3330, 37.7368, 40.5980



35.6958, 37.7368, 39.7763



35.4064, 37.7368, 41.5839

Rectangle

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



36.0401, 37.7368, 42.4302



36.3353, 37.7368, 41.5661



35.6958, 37.7368, 39.7763



35.4041, 37.7368, 40.6155

Sweetspot

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



36.0412, 37.7384, 42.4310



66.3138, 69.5804, 77.1603



36.5835, 38.8305, 42.5888



14.4686, 15.1836, 16.8203



80.6108, 84.8088, 92.3568



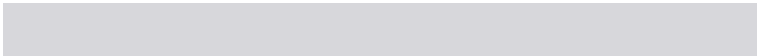
14.7206, 15.4872, 16.8656

Same Dimension

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



36.0412, 37.7384, 42.4310



65.1044, 68.1236, 76.9429



36.3440, 37.8938, 42.4450



8.1793, 8.5628, 9.6400



5.3389, 2.1380, 28.1068



0.1301, 0.0524, 0.6839

Inverse Universe

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



36.3960, 37.9524, 41.0066



65.8375, 68.5658, 73.9994



36.6362, 38.8890, 41.1733



8.2631, 8.6134, 9.3035



12.1954, 6.2869, 0.5748



0.2968, 0.1530, 0.0144

Previews

White Background



This preview shows how the XYZ color 36.0401, 37.7368, 42.4302 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 36.0401, 37.7368, 42.4302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

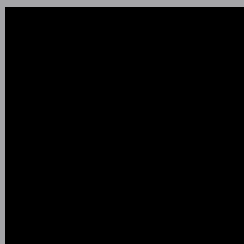
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

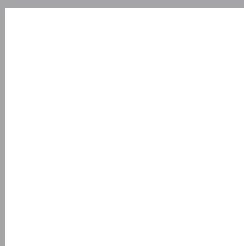
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.0401, 37.7368, 42.4302

Background



This preview shows how black text looks on a background with the XYZ color 36.0401, 37.7368, 42.4302.

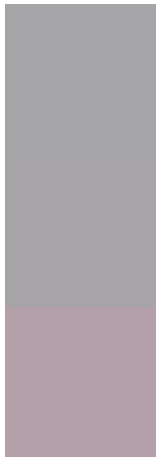


This preview shows how white text looks on a background with the XYZ color 36.0401, 37.7368,

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

36.0401, 37.7368, 42.4302

Protanopia

36.2797, 37.5936, 42.3899

Deuteranopia

38.3226, 37.5899, 42.7719



Tritanopia

36.9372, 37.8322, 46.9505

Trichromacy



Original Color

36.0401, 37.7368, 42.4302

Protanomaly

36.0692, 37.4851, 42.3801

Deuteranomaly

37.5373, 37.7039, 42.8353

Tritanomaly

36.6413, 37.7139, 45.3927

Monochromacy



Original Color

36.0401, 37.7368, 42.4302

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8551, 37.6628, 41.4563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0401, 37.7368, 42.4302 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(165, 165, 168)` looks like.

```
.text, #text, p{  
    color:rgb(165, 165, 168)  
}
```

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(165, 165, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 165, 168) }
```

Border

The CSS property to change the border of an element to XYZ 36.0401, 37.7368, 42.4302 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(165, 165, 168) }
```


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

```
.border{ border-color:rgb(165, 165, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 165, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 165, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 165, 168);  
box-shadow:4px 4px 4px 4px rgb(165, 165,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0401, 37.7368, 42.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 165, 168) }
```

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

```
.background{ background-color: rgb(165,  
165, 168) }
```

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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