

Converting Colors

XYZ(37.4779, 36.9489, 52.1655)

Have a look what the booklet for
XYZ(37.4779, 36.9489, 52.1655)
contains.

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Color

**XYZ(37.4768, 36.9450,
52.1696)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A0BB
RGB	167, 160, 187
RGB Percent	65%, 63%, 73%
CMY	0.3451, 0.3725, 0.2667
CMYK	0.11, 0.14, 0.00, 0.27
HSL	256°, 17%, 68%
HSV	256°, 14%, 73%
XYZ	37.4768, 36.9450, 52.1696
YIQ	165.1710, -4.4950, 9.8810

Conversions

Conversions Part 2

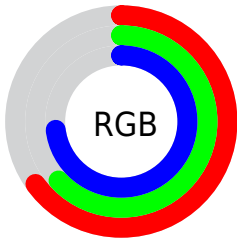
Format	Color
R _Y B	167, 160, 187
Decimal	10985659
CIE Lab	67.24, 7.87, -12.99
CIE LCh	67, 15.188, 301.206
Yxy	36.9450, 0.2960, 0.2918
Android (android.graphics.Color)	4289175739 (0xFFA7A0BB)
YUV	165.1710, 10.7617, 1.6040
Hunter-Lab	60.7824, 3.6891, -8.3410

Details

The XYZ color **37.4768, 36.9450, 52.1696** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.9393, 47.7830, 40.2194**, and the grayscale version is **35.7987, 37.6630, 41.0150**.

A 20% lighter version of the original color is **70.6023, 70.6015, 94.7003**, and **16.8419, 16.3033, 24.8135** is the 20% darker color. If you saturate the color by 10%, you get **31.7044, 29.5141, 51.0401**, and if you desaturate by 10%, it is **44.0526, 45.5158, 53.4779**.

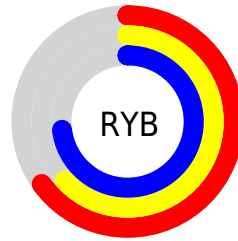
Distribution



Red (65%)

Green (63%)

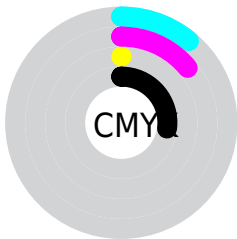
Blue (73%)



Red (65%)

Yellow (63%)

Blue (73%)

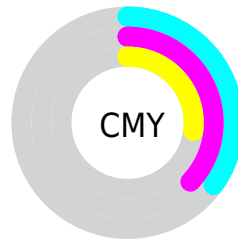


Cyan (11%)

Magenta (14%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4768, 36.9450, 52.1696 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 37.4768, 36.9450, 52.1696 by changing the saturation by 10% instead.

■ 37.4768, 36.9450,
52.1696

■ 37.4768, 36.9450,
52.1696

326.6900,
333.0723, 412.0666

■ 25.7522, 25.1649,
36.7571

■ 70.6146, 70.4882,
94.8104

■ 16.7701, 16.2000,
24.7252

■ 92.7585, 93.0201,
122.8759

■ 10.1650, 9.6658,
15.6553

119.1063,
119.9047, 155.9960

■ 5.5716, 5.1779,
9.1288

150.0232,
151.5264, 194.5894

■ 2.6245, 2.3520,
4.7274

185.8747,
188.2696, 239.0747

■ 0.9585, 0.8010,
2.0323

227.0261,

■ 0.0000, 0.0000,

230.5188, 289.8702

0.5750

273.8428,
278.6582, 347.3947

■ 0.0000, 0.0000,
0.0000

■ 37.4768, 36.9450,
52.1696

■ 37.4768, 36.9450,
52.1696

■ 31.7044, 29.5141,
51.0401

■ 44.0526, 45.5158,
53.4779

■ 26.7005, 23.1701,
50.0793

■ 51.4582, 55.2674,
54.9699

■ 22.4325, 17.8625,
49.2798

■ 59.7228, 66.2445,
56.6531

■ 18.8642, 13.5348,
48.6326

■ 68.8733, 78.4877,
58.5339

■ 15.9560, 10.1254,
48.1277

■ 78.9354, 92.0361,
60.6187

■ 13.6643, 7.5652,
47.7544

■ 84.1973, 95.4541,
61.0011

■ 11.9396, 5.7749,
47.4997

■ 85.9698, 96.3679,
61.0841

■ 10.7234, 4.6596,
47.3485

■ 10.2109, 4.2278,
47.2922

Harmonies

Analogous

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



35.2091, 36.9450, 54.3949



37.4768, 36.9450, 52.1696



39.1702, 36.9450, 46.6975

Triad

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



37.4768, 36.9450, 52.1696



37.3072, 36.9450, 30.0399



30.8425, 36.9450, 40.4963

Complementary

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



37.4768, 36.9450, 52.1696



42.9393, 47.7830, 40.2194

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.



31.3501, 36.9450, 34.3833



37.4768, 36.9450, 52.1696



35.0213, 36.9450, 28.7610

Square

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



37.4768, 36.9450, 52.1696



39.0693, 36.9450, 33.9656



32.8548, 36.9450, 30.2618



31.4372, 36.9450, 47.2138

Rectangle

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



37.4768, 36.9450, 52.1696



39.7093, 36.9450, 42.2112



32.8548, 36.9450, 30.2618



30.8897, 36.9450, 38.3057

Sweetspot

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



37.4779, 36.9466, 52.1704



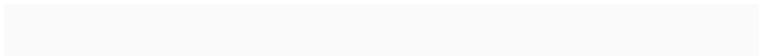
79.3637, 82.1292, 95.8710



39.8399, 43.8062, 53.3700



17.2685, 17.8127, 21.0706



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



37.4779, 36.9466, 52.1704



64.0440, 62.1893, 92.8297



40.4223, 38.4645, 52.3082



9.2422, 9.3417, 11.9882



7.0938, 2.9430, 32.5871



0.3414, 0.1480, 1.2794

Inverse Universe

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



41.3039, 39.0034, 48.5334



72.1115, 66.5284, 85.0689



40.0003, 46.2680, 40.0819



9.8215, 9.6529, 11.4489



17.3383, 8.5665, 17.6067



0.7045, 0.3457, 0.8229

Previews

White Background



This preview shows how the XYZ color 37.4768, 36.9450, 52.1696 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 37.4768, 36.9450, 52.1696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

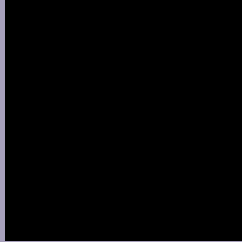
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4768, 36.9450, 52.1696

Background



This preview shows how black text looks on a background with the XYZ color 37.4768, 36.9450, 52.1696.



This preview shows how white text looks on a background with the XYZ color 37.4768, 36.9450,

52.1696.

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

37.4768, 36.9450, 52.1696

Protanopia

36.4037, 36.8857, 53.3451

Deuteranopia

37.6889, 37.0543, 52.1795



Tritanopia

36.1752, 36.9351, 45.7800

Trichromacy



Original Color

37.4768, 36.9450, 52.1696

Protanomaly

36.7223, 36.8020, 52.7450

Deuteranomaly

37.6889, 37.0543, 52.1795

Tritanomaly

36.6074, 36.8514, 47.8314

Monochromacy



Original Color

37.4768, 36.9450, 52.1696

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.3659, 37.3185, 44.8217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4768, 36.9450, 52.1696 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(167, 160, 187)` looks like.

```
.text, #text, p{  
    color:rgb(167, 160, 187)  
}
```

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(167, 160, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 160, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.4768, 36.9450, 52.1696 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(167, 160, 187) }
```


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

```
.border{ border-color:rgb(167, 160, 187) }
```

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

Here you see how a box with a 4 pixel rgb(167, 160, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 160, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 160, 187);  
box-shadow:4px 4px 4px 4px rgb(167, 160,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4768, 36.9450, 52.1696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 160, 187) }
```

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

```
.background{ background-color: rgb(167,  
160, 187) }
```

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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