

Converting Colors

XYZ(37.5468, 36.1878, 42.0518)

Have a look what the booklet for
XYZ(37.5468, 36.1878, 42.0518)
contains.

XYZ(37.5468, 36.1878, 42.0518)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.5468, 36.1878,
42.0518)**

Conversions

Conversions Part 1

Format	Color
Hex	B39CA8
RGB	179, 156, 168
RGB Percent	70%, 61%, 66%
CMY	0.2980, 0.3882, 0.3412
CMYK	0.00, 0.13, 0.06, 0.30
HSL	329°, 13%, 66%
HSV	329°, 13%, 70%
XYZ	37.5468, 36.1878, 42.0518
YIQ	164.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

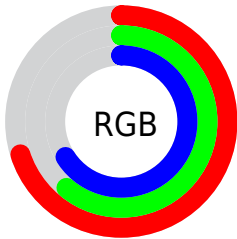
Format	Color
RYB	179, 156, 168
Decimal	11771048
CIELab	66.66, 10.57, -3.13
CIELCh	67, 11.018, 343.521
Yxy	36.1878, 0.3243, 0.3125
Android (android.graphics.Color)	4289961128 (0xFFB39CA8)
YUV	164.2450, 1.8512, 12.9401
Hunter-Lab	60.1563, 6.1380, 0.6632

Details

The XYZ color **37.5468, 36.1878, 42.0518** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.8069, 42.0992, 42.7473**, and the grayscale version is **35.3923, 37.2355, 40.5494**.

A 20% lighter version of the original color is **70.8745, 69.5784, 79.5065**, and **16.8081, 15.7997, 18.6868** is the 20% darker color. If you saturate the color by 10%, you get **33.9903, 30.3092, 37.0597**, and if you desaturate by 10%, it is **41.6006, 42.9759, 47.4697**.

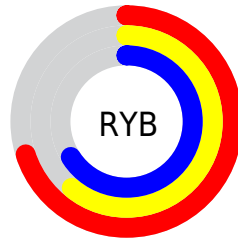
Distribution



Red (70%)

Green (61%)

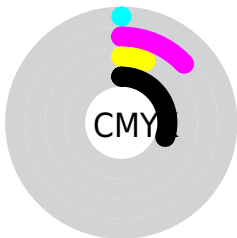
Blue (66%)



Red (70%)

Yellow (61%)

Blue (66%)

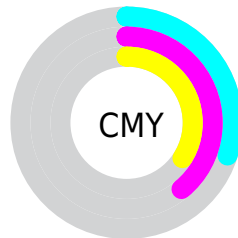


Cyan (0%)

Magenta (13%)

Yellow (6%)

Black (30%)



Cyan (30%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5468, 36.1878, 42.0518 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 37.5468, 36.1878, 42.0518 by changing the saturation by 10% instead.

■ 37.5468, 36.1878,
42.0518

■ 37.5468, 36.1878,
42.0518

326.9864,
329.7806, 370.5036

■ 25.8068, 24.5793,
28.8160

■ 70.7214, 69.3218,
79.5490

■ 16.8110, 15.7639,
18.6973

■ 92.8866, 91.6161,
104.6474

■ 10.1943, 9.3572,
11.2771

119.2576,
118.2411, 134.5371

■ 5.5912, 4.9749,
6.1371

150.1997,
149.5812, 169.6366

■ 2.6364, 2.2325,
2.8585

186.0782,
186.0209, 210.3644

■ 0.9646, 0.7377,
1.0228

227.2587,

■ 0.0000, 0.0000,

227.9444, 257.1392

0.0000

274.1063,
275.7362, 310.3794

■ 37.5468, 36.1878,
42.0518

■ 37.5468, 36.1878,
42.0518

■ 33.9903, 30.3092,
37.0597

■ 41.6006, 42.9759,
47.4697

■ 30.9076, 25.2963,
32.4794

■ 46.1676, 50.7054,
53.3222

■ 28.2781, 21.1089,
28.2992

■ 51.2669, 59.4123,
59.6208

■ 26.0783, 17.7017,
24.5061

■ 56.9157, 69.1295,
66.3758

■ 24.2823, 15.0249,
21.0861

■ 63.1303, 79.8882,
73.5970

■ 22.8615, 13.0231,
18.0240

■ 67.1862, 86.2380,
80.3808

■ 21.7832, 11.6325,
15.3030

■ 68.3454, 86.7017,
86.4852

■ 21.0084, 10.7772,
12.9040

■ 69.5635, 87.1890,
92.8997

■ 20.5833, 10.3809,
11.3632

■ 70.8413, 87.7001,
99.6286

Harmonies

Analogous

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



36.6398, 36.1878, 46.4071



37.5468, 36.1878, 42.0518



37.5920, 36.1878, 37.3042

Triad

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



37.5468, 36.1878, 42.0518



33.6548, 36.1878, 31.1685



32.1332, 36.1878, 46.0361

Complementary

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



37.5468, 36.1878, 42.0518



36.8069, 42.0992, 42.7473

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.



31.3854, 36.1878, 41.5778



37.5468, 36.1878, 42.0518



32.2446, 36.1878, 33.1405

Square

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



37.5468, 36.1878, 42.0518



35.3085, 36.1878, 31.2730



31.4255, 36.1878, 36.8666



33.4982, 36.1878, 48.8309

Rectangle

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



37.5468, 36.1878, 42.0518



37.1247, 36.1878, 34.5682



31.4255, 36.1878, 36.8666



31.8033, 36.1878, 44.6674

Sweetspot

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



37.5478, 36.1894, 42.0526



73.5702, 75.3954, 83.7906



35.9066, 35.2198, 47.5541



16.1740, 16.4930, 18.3986



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.5478, 36.1894, 42.0526



65.6336, 62.1338, 73.0939



36.5461, 35.7887, 36.7775



8.6753, 8.5768, 9.7886



14.5780, 7.3488, 8.2039



0.4880, 0.2429, 0.4123

Inverse Universe

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



37.5478, 36.1894, 42.0526



65.6336, 62.1338, 73.0939



37.8909, 42.5328, 48.4557



8.6753, 8.5768, 9.7886



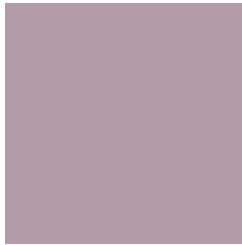
14.5780, 7.3488, 8.2039



0.4880, 0.2429, 0.4123

Previews

White Background



This preview shows how the XYZ color 37.5468, 36.1878, 42.0518 looks on a white background.

Color Contrast Check

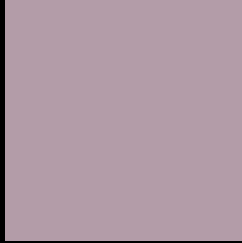
Large Text (above 18pt) WCAG AA × Fail

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 37.5468, 36.1878, 42.0518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

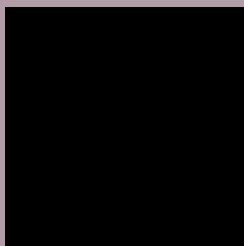
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5468, 36.1878, 42.0518

Background



This preview shows how black text looks on a background with the XYZ color 37.5468, 36.1878, 42.0518.



This preview shows how white text looks on a background with the XYZ color 37.5468, 36.1878,

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

37.5468, 36.1878, 42.0518

Protanopia

35.1998, 36.2165, 43.6633

Deuteranopia

36.8041, 36.0551, 42.0653



Tritanopia

37.5468, 36.1878, 42.0518

Trichromacy



Original Color

37.5468, 36.1878, 42.0518

Protanomaly

36.0160, 36.1336, 43.1064

Deuteranomaly

37.0294, 36.1712, 42.0759

Tritanomaly

37.5468, 36.1878, 42.0518

Monochromacy



Original Color

37.5468, 36.1878, 42.0518

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.8986, 36.6414, 40.7777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5468, 36.1878, 42.0518 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(179, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(179, 156, 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(179, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 156, 168) }
```

Border

The CSS property to change the border of an element to XYZ 37.5468, 36.1878, 42.0518 is called "border". The border property can be set on classes, ids or directly on the HTML element.

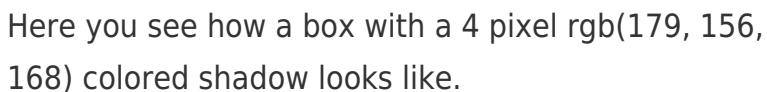
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 156, 168) }
```


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

```
.border{ border-color:rgb(179, 156, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 156, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 156, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 156, 168); box-shadow:4px 4px 4px 4px rgb(179, 156, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5468, 36.1878, 42.0518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 156, 168) }
```

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

```
.background{ background-color: rgb(179,  
156, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor