

Converting Colors

XYZ(41.4455, 37.7538, 51.5150)

Have a look what the booklet for
XYZ(41.4455, 37.7538, 51.5150)
contains.

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Color

**XYZ(41.3233, 37.6792,
51.5492)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9BBA
RGB	188, 155, 186
RGB Percent	74%, 61%, 73%
CMY	0.2627, 0.3921, 0.2706
CMYK	0.00, 0.18, 0.01, 0.26
HSL	304°, 20%, 67%
HSV	304°, 18%, 74%
XYZ	41.3233, 37.6792, 51.5492
YIQ	168.4010, 9.7170, 16.6370

Conversions

Conversions Part 2

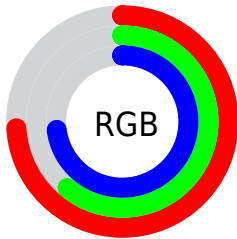
Format	Color
RYB	188, 155, 186
Decimal	12360634
CIELab	67.78, 17.65, -11.42
CIELCh	68, 21.021, 327.082
Yxy	37.6792, 0.3165, 0.2886
Android (android.graphics.Color)	4290550714 (0xFFBC9BBA)
YUV	168.4010, 8.6763, 17.1883
Hunter-Lab	61.3834, 12.7453, -6.8228

Details

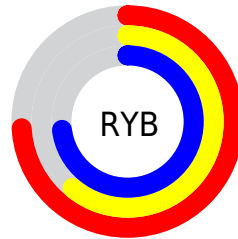
The XYZ color **41.3233, 37.6792, 51.5492** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **37.5881, 45.3704, 38.6766**, and the grayscale version is **37.3727, 39.3190, 42.8184**.

A 20% lighter version of the original color is **76.3818, 71.7371, 93.8253**, and **19.0155, 16.6624, 24.4042** is the 20% darker color. If you saturate the color by 10%, you get **38.3146, 31.8543, 49.9513**, and if you desaturate by 10%, it is **44.8223, 44.4820, 53.3162**.

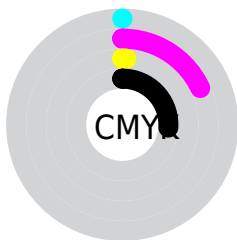
Distribution



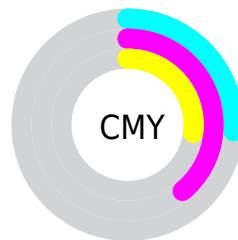
- Red (74%)
- Green (61%)
- Blue (73%)



- Red (74%)
- Yellow (61%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (26%)





- Cyan (26%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3233, 37.6792, 51.5492 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 41.3233, 37.6792, 51.5492 by changing the saturation by 10% instead.


 41.3233, 37.6792,
51.5492


 41.3233, 37.6792,
51.5492

342.7096,
336.2418, 409.6011

 28.7606, 25.7338,
36.2661

 76.4460, 71.6162,
93.8859

 19.0431, 16.6246,
24.3485


 99.7368, 94.3765,
121.7765

 11.8056, 9.9672,
15.3777


127.3342,
121.5107, 154.7068

 6.6827, 5.3772,
8.9354

159.6037,
153.4030, 193.0952

 3.3090, 2.4702,
4.6028

196.9107,
190.4379, 237.3603

 1.3192, 0.8617,
1.9615

239.6204,

 0.1975, 0.0000,

232.9997, 287.9206

0.5315

288.0982,
281.4729, 345.1947

■ 0.0000, 0.0000,
0.0000

■ 41.3233, 37.6792,
51.5492

■ 41.3233, 37.6792,
51.5492

■ 38.3146, 31.8543,
49.9513

■ 44.8223, 44.4820,
53.3162

■ 35.7704, 26.9575,
48.5126

■ 48.8293, 52.2998,
55.2568

■ 33.6675, 22.9418,
47.2257

■ 53.3652, 61.1738,
57.3785

■ 31.9796, 19.7545,
46.0819

■ 58.4487, 71.1414,
59.6876

■ 30.6774, 17.3370,
45.0714

■ 64.0977, 82.2384,
62.1899

■ 29.7277, 15.6232,
44.1831

■ 66.1070, 86.0546,
63.4839

■ 29.0920, 14.5358,
43.4041

■ 66.2345, 86.1056,
64.1555

■ 28.7135, 13.9611,
42.7156

■ 66.3631, 86.1570,
64.8322

■ 28.6358, 13.8501,
42.5527

■ 66.4925, 86.2088,
65.5140

Harmonies

Analogous

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



38.7362, 37.6792, 59.1279



41.3233, 37.6792, 51.5492



42.4286, 37.6792, 41.9447

Triad

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



41.3233, 37.6792, 51.5492



36.1322, 37.6792, 25.6129



30.5285, 37.6792, 49.7323

Complementary

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



41.3233, 37.6792, 51.5492



37.5881, 45.3704, 38.6766

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.



29.9234, 37.6792, 40.1213



41.3233, 37.6792, 51.5492



33.0406, 37.6792, 27.0567

Square

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



41.3233, 37.6792, 51.5492



39.3201, 37.6792, 27.7534



30.8156, 37.6792, 32.0426



32.5208, 37.6792, 57.9722

Rectangle

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



41.3233, 37.6792, 51.5492



42.1295, 37.6792, 35.9870



30.8156, 37.6792, 32.0426



30.1616, 37.6792, 46.5153

Sweetspot

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



41.3244, 37.6808, 51.5500



82.9389, 83.9407, 97.4650



34.6365, 34.2084, 52.3550



17.7300, 17.8451, 20.9077



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.



41.3244, 37.6808, 51.5500



72.7227, 64.0818, 92.2916



39.7032, 37.0323, 43.0127



9.9043, 9.6860, 11.8851



19.5065, 9.4337, 29.0244



0.7717, 0.3726, 1.1772

Inverse Universe

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



41.3244, 37.6808, 51.5500



72.7227, 64.0818, 92.2916



39.0595, 45.9590, 46.4249



9.9043, 9.6860, 11.8851



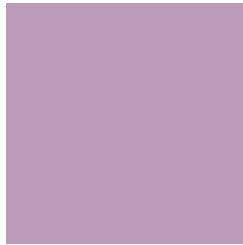
19.5065, 9.4337, 29.0244



0.7717, 0.3726, 1.1772

Previews

White Background



This preview shows how the XYZ color 41.3233, 37.6792, 51.5492 looks on a white background.

Color Contrast Check

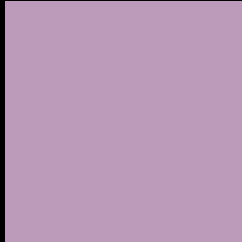
Large Text (above 18pt) WCAG AA × Fail

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 41.3233, 37.6792, 51.5492 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 41.3233, 37.6792, 51.5492

Background



This preview shows how black text looks on a background with the XYZ color 41.3233, 37.6792, 51.5492.



This preview shows how white text looks on a background with the XYZ color 41.3233, 37.6792,

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

41.3233, 37.6792, 51.5492

Protanopia

37.2871, 37.8303, 55.2059

Deuteranopia

38.5151, 37.7632, 51.1580



Tritanopia

39.7323, 37.7951, 43.2313

Trichromacy



Original Color

41.3233, 37.6792, 51.5492

Protanomaly

38.6167, 37.7535, 53.9670

Deuteranomaly

39.5152, 37.7640, 51.1055

Tritanomaly

40.3870, 37.8133, 46.2444

Monochromacy



Original Color

41.3233, 37.6792, 51.5492

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.5143, 38.4035, 45.9401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3233, 37.6792, 51.5492 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(188, 155, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 155, 186)  
}
```

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(188, 155, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 155, 186) }
```

Border

The CSS property to change the border of an element to XYZ 41.3233, 37.6792, 51.5492 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(188, 155, 186) }
```


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

```
.border{ border-color:rgb(188, 155, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 155, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 155, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 155, 186);  
box-shadow:4px 4px 4px 4px rgb(188, 155,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3233, 37.6792, 51.5492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 155, 186) }
```

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

```
.background{ background-color: rgb(188,  
155, 186) }
```

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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