

Converting Colors

XYZ(40.7318, 37.9796, 46.7790)

Have a look what the booklet for
XYZ(40.7318, 37.9796, 46.7790)
contains.

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Color

**XYZ(40.7318, 37.9796,
46.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9DB1
RGB	188, 157, 177
RGB Percent	74%, 62%, 69%
CMY	0.2627, 0.3843, 0.3059
CMYK	0.00, 0.16, 0.06, 0.26
HSL	321°, 19%, 68%
HSV	321°, 16%, 74%
XYZ	40.7318, 37.9796, 46.7790
YIQ	168.5490, 12.0560, 12.7920

Conversions

Conversions Part 2

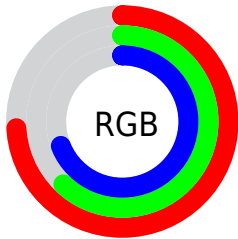
Format	Color
RYB	188, 157, 177
Decimal	12361137
CIELab	68.01, 14.87, -6.08
CIELCh	68, 16.066, 337.779
Yxy	37.9796, 0.3246, 0.3026
Android (android.graphics.Color)	4290551217 (0xFFBC9DB1)
YUV	168.5490, 4.1663, 17.0585
Hunter-Lab	61.6276, 10.1285, -1.8653

Details

The XYZ color **40.7318, 37.9796, 46.7790** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.9572, 45.9627, 43.8663**, and the grayscale version is **37.4663, 39.4174, 42.9256**.

A 20% lighter version of the original color is **75.5597, 72.2033, 87.0450**, and **18.7838, 16.9142, 21.3435** is the 20% darker color. If you saturate the color by 10%, you get **37.1440, 31.8419, 42.3822**, and if you desaturate by 10%, it is **44.8437, 45.1125, 51.5118**.

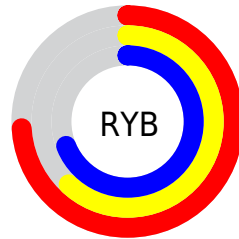
Distribution



Red (74%)

Green (62%)

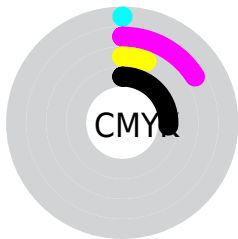
Blue (69%)



Red (74%)

Yellow (62%)

Blue (69%)

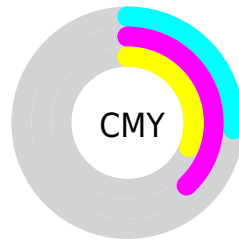


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7318, 37.9796, 46.7790 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 40.7318, 37.9796, 46.7790 by changing the saturation by 10% instead.


 40.7318, 37.9796,
46.7790


 40.7318, 37.9796,
46.7790


340.2802,
337.5325, 390.2999

 28.2963, 25.9669,
32.5079


 75.5539, 72.0769,
86.7302

 18.6907, 16.7988,
21.4817


 98.6712, 94.9302,
113.2473

 11.5497, 10.0912,
13.2819


126.0798,
122.1658, 144.6835

 6.5079, 5.4595,
7.4899

158.1451,
154.1681, 181.4574

 3.1998, 2.5193,
3.6873

195.2324,
191.3216, 223.9874

 1.2603, 0.8863,
1.4554

237.7072,

 0.1532, 0.0000,

234.0105, 272.6921

0.1844

285.9346,
282.6193, 327.9901

■ 0.0000, 0.0000,
0.0000

■ 40.7318, 37.9796,
46.7790

■ 40.7318, 37.9796,
46.7790

■ 37.1440, 31.8419,
42.3822

■ 44.8437, 45.1125,
51.5118

■ 34.0543, 26.6495,
38.3092

■ 49.4979, 53.2775,
56.5876

■ 31.4392, 22.3560,
34.5502

■ 54.7153, 62.5158,
62.0159

■ 29.2722, 18.9087,
31.0941

■ 60.5152, 72.8647,
67.8053

■ 27.5238, 16.2496,
27.9285

■ 66.9157, 84.3599,
73.9640

■ 26.1609, 14.3134,
25.0400

■ 69.0277, 87.2229,
78.8643

■ 25.1450, 13.0239,
22.4132

■ 69.9135, 87.5772,
83.5290

■ 24.4255, 12.2807,
20.0287

■ 70.8348, 87.9457,
88.3806

■ 24.2079, 12.0790,
19.2363

■ 71.7920, 88.3286,
93.4212

Harmonies

Analogous

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



39.1228, 37.9796, 53.2114



40.7318, 37.9796, 46.7790



41.0716, 37.9796, 39.5187

Triad

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



40.7318, 37.9796, 46.7790



35.4520, 37.9796, 29.1624



32.4323, 37.9796, 50.3694

Complementary

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



40.7318, 37.9796, 46.7790



38.9572, 45.9627, 43.8663

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.



31.5439, 37.9796, 43.2439



40.7318, 37.9796, 46.7790



33.2342, 37.9796, 31.4024

Square

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



40.7318, 37.9796, 46.7790



37.9463, 37.9796, 29.8776



31.8305, 37.9796, 36.3643



34.3116, 37.9796, 55.4453

Rectangle

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



40.7318, 37.9796, 46.7790



40.5188, 37.9796, 35.2657



31.8305, 37.9796, 36.3643



32.0119, 37.9796, 48.1041

Sweetspot

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



40.7329, 37.9813, 46.7798



82.3970, 83.7240, 94.6115



37.2521, 36.0550, 52.5734



17.5976, 17.7921, 20.2105



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.



40.7329, 37.9813, 46.7798



71.2142, 64.3538, 81.6494



39.2878, 37.4032, 39.1702



9.7823, 9.6372, 11.2425



16.5182, 8.2384, 13.2885



0.6771, 0.3347, 0.6787

Inverse Universe

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



40.7329, 37.9813, 46.7798



71.2142, 64.3538, 81.6494



40.4728, 46.5689, 51.8473



9.7823, 9.6372, 11.2425



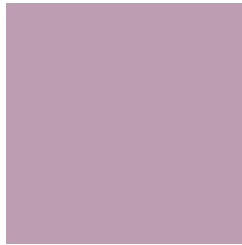
16.5182, 8.2384, 13.2885



0.6771, 0.3347, 0.6787

Previews

White Background



This preview shows how the XYZ color 40.7318, 37.9796, 46.7790 looks on a white background.

Color Contrast Check

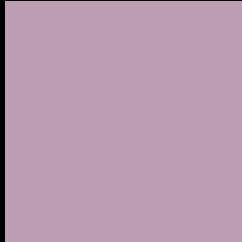
Large Text (above 18pt) WCAG AA × Fail

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 40.7318, 37.9796, 46.7790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

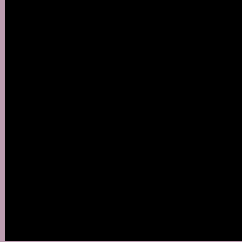
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7318, 37.9796, 46.7790

Background



This preview shows how black text looks on a background with the XYZ color 40.7318, 37.9796, 46.7790.



This preview shows how white text looks on a background with the XYZ color 40.7318, 37.9796,

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

40.7318, 37.9796, 46.7790

Protanopia

37.2085, 38.1802, 49.6644

Deuteranopia

38.7128, 37.9714, 46.3631



Tritanopia

39.9761, 37.9208, 43.2427

Trichromacy



Original Color

40.7318, 37.9796, 46.7790

Protanomaly

38.3921, 38.0202, 48.4952

Deuteranomaly

39.4633, 38.1000, 46.3484

Tritanomaly

40.2632, 38.0356, 44.7547

Monochromacy



Original Color

40.7318, 37.9796, 46.7790

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.8060, 39.1189, 44.5351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7318, 37.9796, 46.7790 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, 157, 177)` looks like.

```
.text, #text, p{  
    color:rgb(188, 157, 177)  
}
```

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, 157, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 157, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.7318, 37.9796, 46.7790 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, 157, 177) }
```


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

```
.border{ border-color:rgb(188, 157, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 157, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 157, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 157, 177);  
box-shadow:4px 4px 4px 4px rgb(188, 157,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7318, 37.9796, 46.7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 157, 177) }
```

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

```
.background{ background-color: rgb(188,  
157, 177) }
```

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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