

Converting Colors

XYZ(40.0837, 37.7777, 40.7765)

Have a look what the booklet for XYZ(40.0837, 37.7777, 40.7765) contains.

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Color

**XYZ(40.0837, 37.7777,
40.7765)**

Conversions

Conversions Part 1

Format	Color
Hex	BE9DA5
RGB	190, 157, 165
RGB Percent	75%, 62%, 65%
CMY	0.2549, 0.3843, 0.3529
CMYK	0.00, 0.17, 0.13, 0.25
HSL	345°, 20%, 68%
HSV	345°, 17%, 75%
XYZ	40.0837, 37.7777, 40.7765
YIQ	167.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

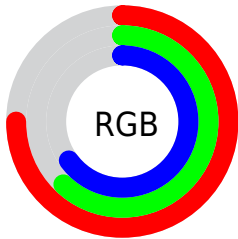
Format	Color
R_{YB}	190, 157, 165
Decimal	12492197
CIE _{Lab}	67.86, 13.51, 0.42
CIE _{LCh}	68, 13.512, 1.779
Yxy	37.7777, 0.3379, 0.3184
Android (android.graphics.Color)	4290682277 (0xFFBE9DA5)
YUV	167.7790, -1.3700, 19.4878
Hunter-Lab	61.4636, 8.8482, 3.6900

Details

The XYZ color **40.0837, 37.7777, 40.7765** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7631, 47.3734, 51.2538**, and the grayscale version is **37.1126, 39.0453, 42.5204**.

A 20% lighter version of the original color is **74.8195, 72.0284, 77.6696**, and **18.2880, 16.7346, 17.8890** is the 20% darker color. If you saturate the color by 10%, you get **35.8784, 31.3471, 33.2701**, and if you desaturate by 10%, it is **44.9385, 45.2705, 49.2280**.

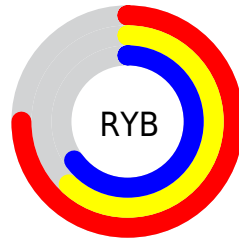
Distribution



Red (75%)

Green (62%)

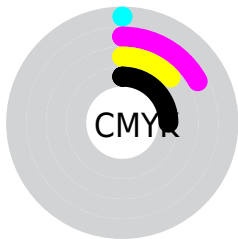
Blue (65%)



Red (75%)

Yellow (62%)

Blue (65%)

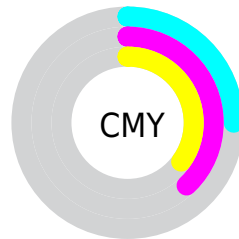


Cyan (0%)

Magenta (17%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.0837, 37.7777, 40.7765 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 40.0837, 37.7777, 40.7765 by changing the saturation by 10% instead.


 40.0837, 37.7777,
40.7765


 40.0837, 37.7777,
40.7765


337.6046,
336.6654, 365.0346

 27.7883, 25.8102,
27.8261


 74.5745, 71.7673,
77.5945

 18.3058, 16.6817,
17.9567


 97.5006, 94.5582,
102.2991

 11.2708, 10.0078,
10.7498


124.7010,
121.7256, 131.7590

 6.3179, 5.4041,
5.7868

156.5410,
153.6540, 166.3925

 3.0818, 2.4863,
2.6492

193.3860,
190.7278, 206.6183

 1.1972, 0.8698,
0.9177

235.6014,

 0.1041, 0.0000,

233.3314, 252.8549

0.0000

283.5525,
281.8491, 305.5208

■ 0.0000, 0.0000,
0.0000

■ 40.0837, 37.7777,
40.7765

■ 40.0837, 37.7777,
40.7765

■ 35.8784, 31.3471,
33.2701

■ 44.9385, 45.2705,
49.2280

■ 32.2916, 25.9255,
26.6731

■ 50.4658, 53.8653,
58.6538

■ 29.2944, 21.4630,
20.9510

■ 56.6914, 63.6061,
69.0848

■ 26.8541, 17.9031,
16.0661

■ 63.6388, 74.5331,
80.5498

■ 24.9351, 15.1837,
11.9780

■ 71.3302, 86.6843,
93.0765

■ 23.4972, 13.2344,
8.6425

■ 74.4670, 89.4559,
104.9180

■ 22.4942, 11.9735,
6.0109

■ 75.0454, 89.6872,
107.9638

■ 21.8619, 11.2848,
4.0252

■ 21.7294, 11.1449,
3.5954

Harmonies

Analogous

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



39.5729, 37.7777, 46.8314



40.0837, 37.7777, 40.7765



39.4396, 37.7777, 35.3540

Triad

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



40.0837, 37.7777, 40.7765



33.8273, 37.7777, 32.0881



34.0359, 37.7777, 52.1549

Complementary

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



40.0837, 37.7777, 40.7765



40.7631, 47.3734, 51.2538

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.



32.5911, 37.7777, 47.5109



40.0837, 37.7777, 40.7765



32.4740, 37.7777, 35.9175

Square

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



40.0837, 37.7777, 40.7765



35.7817, 37.7777, 30.6498



32.0302, 37.7777, 41.4926



36.0317, 37.7777, 53.7707

Rectangle

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



40.0837, 37.7777, 40.7765



38.4560, 37.7777, 32.7222



32.0302, 37.7777, 41.4926



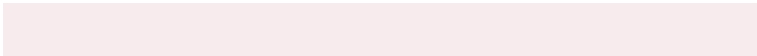
33.4724, 37.7777, 50.8753

Sweetspot

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



40.0848, 37.7794, 40.7773



83.6143, 85.4163, 92.9534



40.5849, 37.7481, 53.8627



18.2104, 18.5230, 20.1534



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



40.0848, 37.7794, 40.7773



69.4722, 63.6043, 68.2865



40.8225, 40.3836, 37.5436



9.6224, 9.5733, 10.4007



14.4752, 7.4212, 2.5300



0.5937, 0.3014, 0.2398

Inverse Universe

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



40.0848, 37.7794, 40.7773



69.4722, 63.6043, 68.2865



39.8770, 44.2406, 55.1531



9.6224, 9.5733, 10.4007



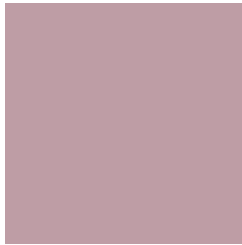
14.4752, 7.4212, 2.5300



0.5937, 0.3014, 0.2398

Previews

White Background



This preview shows how the XYZ color 40.0837, 37.7777, 40.7765 looks on a white background.

Color Contrast Check

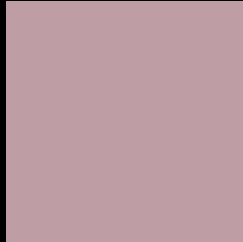
Large Text (above 18pt) WCAG AA × Fail

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 40.0837, 37.7777, 40.7765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

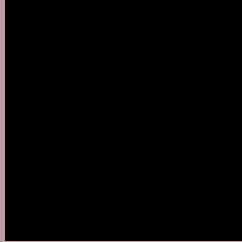
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.0837, 37.7777, 40.7765

Background



This preview shows how black text looks on a background with the XYZ color 40.0837, 37.7777, 40.7765.



This preview shows how white text looks on a background with the XYZ color 40.0837, 37.7777,

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

40.0837, 37.7777, 40.7765

Protanopia

36.5529, 37.9903, 42.9424

Deuteranopia

38.5630, 37.7670, 40.3792



Tritanopia

40.2851, 37.5887, 42.6682

Trichromacy



Original Color

40.0837, 37.7777, 40.7765

Protanomaly

37.6674, 37.7818, 42.3531

Deuteranomaly

39.1066, 37.7909, 40.3552

Tritanomaly

40.1916, 37.5512, 42.1756

Monochromacy



Original Color

40.0837, 37.7777, 40.7765

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.1550, 38.5710, 41.9932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0837, 37.7777, 40.7765 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(190, 157, 165)` looks like.

```
.text, #text, p{  
    color:rgb(190, 157, 165)  
}
```

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(190, 157, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 157, 165) }
```

Border

The CSS property to change the border of an element to XYZ 40.0837, 37.7777, 40.7765 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(190, 157, 165) }
```


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

```
.border{ border-color:rgb(190, 157, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 157, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 157, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 157, 165); box-shadow:4px 4px 4px 4px rgb(190, 157, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0837, 37.7777, 40.7765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 157, 165) }
```

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

```
.background{ background-color: rgb(190,  
157, 165) }
```

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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