

Converting Colors

XYZ(40.5601, 37.9338, 36.7654)

Have a look what the booklet for
XYZ(40.5601, 37.9338, 36.7654)
contains.

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Color

**XYZ(40.3949, 37.7793,
36.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	C39C9C
RGB	195, 156, 156
RGB Percent	76%, 61%, 61%
CMY	0.2353, 0.3882, 0.3882
CMYK	0.00, 0.20, 0.20, 0.24
HSL	0°, 25%, 69%
HSV	0°, 20%, 76%
XYZ	40.3949, 37.7793, 36.6156
YIQ	167.6610, 23.2440, 8.2680

Conversions

Conversions Part 2

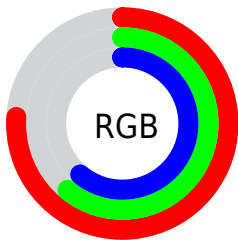
Format	Color
RYB	195, 156, 156
Decimal	12819612
CIELab	67.86, 14.47, 5.50
CIELCh	68, 15.479, 20.821
Yxy	37.7793, 0.3519, 0.3291
Android (android.graphics.Color)	4291009692 (0xFFC39C9C)
YUV	167.6610, -5.7489, 23.9763
Hunter-Lab	61.4649, 9.7472, 7.7054

Details

The XYZ color **40.3949, 37.7793, 36.6156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.0754, 50.0371, 59.0179**, and the grayscale version is **37.0734, 39.0041, 42.4755**.

A 20% lighter version of the original color is **75.0720, 71.9371, 70.9013**, and **18.5859, 16.7858, 15.6250** is the 20% darker color. If you saturate the color by 10%, you get **35.8611, 31.1453, 27.6013**, and if you desaturate by 10%, it is **45.7211, 45.5732, 47.2028**.

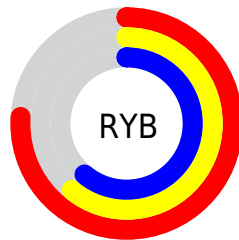
Distribution



Red (76%)

Green (61%)

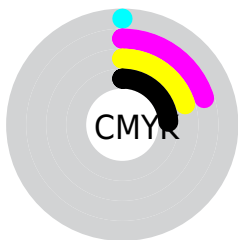
Blue (61%)



Red (76%)

Yellow (61%)

Blue (61%)

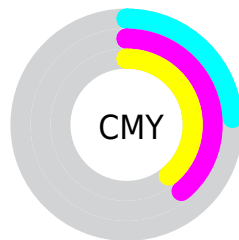


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (24%)



Cyan (24%)


Magenta (39%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3949, 37.7793, 36.6156 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 40.3949, 37.7793, 36.6156 by changing the saturation by 10% instead.


 40.3949, 37.7793,
36.6156


 40.3949, 37.7793,
36.6156


338.8912,
336.6723, 346.7617

 28.0322, 25.8114,
24.6166


 75.0450, 71.7697,
71.1609

 18.4905, 16.6826,
15.5752


 98.0631, 94.5611,
94.5442

 11.4045, 10.0085,
9.0730


125.3636,
121.7291, 122.5594

 6.4089, 5.4046,
4.6913

157.3120,
153.6581, 155.6249

 3.1383, 2.4865,
2.0118

194.2736,
190.7325, 194.1594

 1.2273, 0.8699,
0.5625

236.6138,

 0.1278, 0.0000,

233.3368, 238.5813

0.0000

284.6978,
281.8552, 289.3092

0.0000, 0.0000,
0.0000

40.3949, 37.7793,
36.6156

40.3949, 37.7793,
36.6156

35.8611, 31.1453,
27.6013

45.7211, 45.5732,
47.2028

32.0790, 25.6110,
20.0826

51.8717, 54.5732,
59.4303

29.0089, 21.1185,
13.9795

58.8808, 64.8293,
73.3645

26.6062, 17.6027,
9.2033

66.7796, 76.3873,
89.0675

24.8214, 14.9909,
5.6554

75.5976, 89.2904,
106.5983

■ 23.5981, 13.2007,
3.2238

■ 76.3158, 90.3422,
108.0233

■ 22.8694, 12.1343,
1.7756

■ 22.5060, 11.6026,
1.0533

■ 22.5060, 11.6026,
1.0533

Harmonies

Analogous

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



40.6574, 37.7793, 43.2790



40.3949, 37.7793, 36.6156



38.9020, 37.7793, 31.7202

Triad

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



40.3949, 37.7793, 36.6156



32.4495, 37.7793, 33.3405



35.1772, 37.7793, 55.6048

Complementary

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



40.3949, 37.7793, 36.6156



43.0754, 50.0371, 59.0179

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.



33.0719, 37.7793, 52.2501



40.3949, 37.7793, 36.6156



31.5438, 37.7793, 39.0634

Square

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



40.3949, 37.7793, 36.6156



34.2932, 37.7793, 29.9808



31.7665, 37.7793, 46.0123



37.5729, 37.7793, 54.7612

Rectangle

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



40.3949, 37.7793, 36.6156



37.4450, 37.7793, 29.8760



31.7665, 37.7793, 46.0123



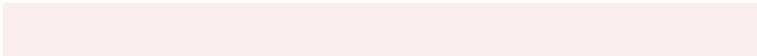
34.4138, 37.7793, 54.9180

Sweetspot

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



40.3959, 37.7810, 36.6164



86.0108, 87.6565, 92.7392



44.2449, 39.3197, 56.8876



18.6778, 18.9651, 19.9954



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



40.3959, 37.7810, 36.6164



68.6277, 62.2203, 58.1817



43.9343, 44.8578, 37.7959



10.0733, 10.0780, 10.4762



14.6277, 7.5411, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



43.0754, 50.0371, 59.0179



74.2956, 88.1457, 105.5678



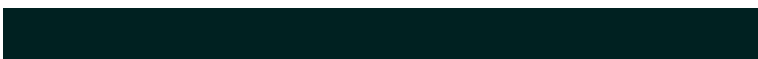
38.9886, 41.8635, 57.6557



10.3685, 11.4283, 12.9442



19.0835, 27.9235, 37.9406



0.8246, 1.2065, 1.6393

Previews

White Background



This preview shows how the XYZ color 40.3949, 37.7793, 36.6156 looks on a white background.

Color Contrast Check

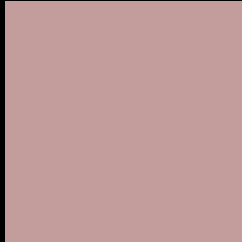
Large Text (above 18pt) WCAG AA × Fail

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 40.3949, 37.7793, 36.6156 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 40.3949, 37.7793, 36.6156

Background



This preview shows how black text looks on a background with the XYZ color 40.3949, 37.7793, 36.6156.



This preview shows how white text looks on a background with the XYZ color 40.3949, 37.7793,

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

40.3949, 37.7793, 36.6156

Protanopia

36.4657, 38.0295, 39.1367

Deuteranopia

38.4948, 37.8225, 36.2819



Tritanopia

41.2035, 37.6001, 41.1623

Trichromacy



Original Color

40.3949, 37.7793, 36.6156

Protanomaly

37.7687, 37.9276, 38.1310

Deuteranomaly

39.3008, 37.9816, 36.2702

Tritanomaly

41.0079, 37.7871, 39.3147

Monochromacy



Original Color

40.3949, 37.7793, 36.6156

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.3364, 38.6962, 40.5705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3949, 37.7793, 36.6156 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(195, 156, 156)` looks like.

```
.text, #text, p{  
    color:rgb(195, 156, 156)  
}
```

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(195, 156, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 156, 156) }
```

Border

The CSS property to change the border of an element to XYZ 40.3949, 37.7793, 36.6156 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(195, 156, 156) }
```


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

```
.border{ border-color:rgb(195, 156, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 156, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 156, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 156, 156);  
box-shadow:4px 4px 4px 4px rgb(195, 156,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3949, 37.7793, 36.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 156, 156) }
```

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

```
.background{ background-color: rgb(195,  
156, 156) }
```

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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