

Converting Colors

XYZ(40.7741, 39.3158, 38.9963)

Have a look what the booklet for
XYZ(40.7741, 39.3158, 38.9963)
contains.

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Color

**XYZ(40.6637, 39.1393,
39.1296)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA1A1
RGB	191, 161, 161
RGB Percent	75%, 63%, 63%
CMY	0.2510, 0.3686, 0.3686
CMYK	0.00, 0.16, 0.16, 0.25
HSL	0°, 19%, 69%
HSV	0°, 16%, 75%
XYZ	40.6637, 39.1393, 39.1296
YIQ	169.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

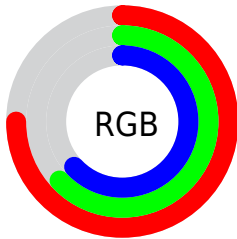
Format	Color
RYB	191, 161, 161
Decimal	12558753
CIELab	68.85, 11.01, 4.10
CIELCh	69, 11.753, 20.435
Yxy	39.1393, 0.3419, 0.3291
Android (android.graphics.Color)	4290748833 (0xFFBFA1A1)
YUV	169.9700, -4.4222, 18.4433
Hunter-Lab	62.5614, 6.5391, 6.7095

Details

The XYZ color **40.6637, 39.1393, 39.1296** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.7323, 48.5990, 56.4188**, and the grayscale version is **38.2095, 40.1994, 43.7771**.

A 20% lighter version of the original color is **75.6619, 74.0261, 75.2664**, and **18.5996, 17.3814, 17.1265** is the 20% darker color. If you saturate the color by 10%, you get **36.0202, 32.3448, 29.8969**, and if you desaturate by 10%, it is **46.0764, 47.0597, 49.8890**.

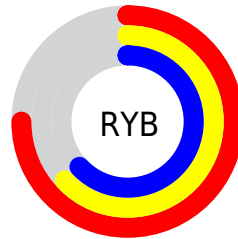
Distribution



Red (75%)

Green (63%)

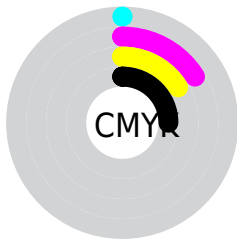
Blue (63%)



Red (75%)

Yellow (63%)

Blue (63%)

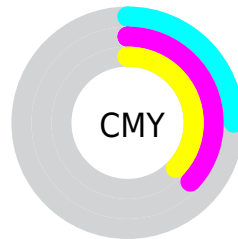


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (25%)



Cyan (25%)


Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6637, 39.1393, 39.1296 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 40.6637, 39.1393, 39.1296 by changing the saturation by 10% instead.


 40.6637, 39.1393,
39.1296


 40.6637, 39.1393,
39.1296

339.9997,
342.4824, 357.8836

 28.2429, 26.8681,
26.5520

 75.4511, 73.8511,
75.0588

 18.6502, 17.4742,
17.0076


 98.5483, 97.0604,
99.2474

 11.5203, 10.5732,
10.0779


125.9351,
124.6847, 128.1434

 6.4878, 5.7806,
5.3443

157.9768,
157.1081, 162.1654

 3.1874, 2.7121,
2.3884

195.0388,
194.7153, 201.7319

 1.2536, 0.9834,
0.7801

237.4864,

 0.1481, 0.0000,

237.8904, 247.2614

0.0000

285.6849,
287.0180, 299.1724

■ 0.0000, 0.0000,
0.0000

■ 40.6637, 39.1393,
39.1296

■ 40.6637, 39.1393,
39.1296

■ 36.0202, 32.3448,
29.8969

■ 46.0764, 47.0597,
49.8890

■ 32.1080, 26.6201,
22.1196

■ 52.2877, 56.1483,
62.2372

■ 28.8908, 21.9125,
15.7240

■ 59.3291, 66.4516,
76.2360

■ 26.3280, 18.1623,
10.6295

■ 67.2296, 78.0121,
91.9429

■ 24.3747, 15.3040,
6.7467

■ 75.2960, 89.8164,
107.9755

■ 22.9805, 13.2637,
3.9753

■ 22.0866, 11.9556,
2.1988

■ 21.6202, 11.2729,
1.2719

■ 21.4862, 11.0769,
1.0056

Harmonies

Analogous

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



40.8506, 39.1393, 44.3458



40.6637, 39.1393, 39.1296



39.5322, 39.1393, 35.1782

Triad

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



40.6637, 39.1393, 39.1296



34.5039, 39.1393, 36.4027



36.6079, 39.1393, 53.5681

Complementary

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



40.6637, 39.1393, 39.1296



42.7323, 48.5990, 56.4188

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.



34.9628, 39.1393, 51.0347



40.6637, 39.1393, 39.1296



33.7750, 39.1393, 40.9319

Square

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



40.6637, 39.1393, 39.1296



35.9626, 39.1393, 33.6975



33.9402, 39.1393, 46.3037



38.4670, 39.1393, 52.9838

Rectangle

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



40.6637, 39.1393, 39.1296



38.4147, 39.1393, 33.6520



33.9402, 39.1393, 46.3037



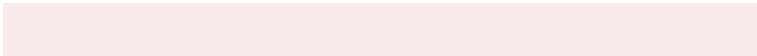
36.0126, 39.1393, 53.0454

Sweetspot

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



40.6648, 39.1411, 39.1304



83.1779, 85.2425, 90.6535



43.6350, 40.3281, 54.7748



18.1021, 18.4799, 19.5825



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.



40.6648, 39.1411, 39.1304



69.6856, 65.4997, 63.8303



43.4446, 44.7006, 40.0570



9.5303, 9.5366, 9.9151



14.1204, 7.2797, 0.6609



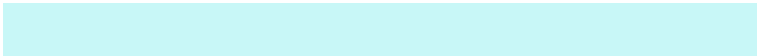
0.5531, 0.2852, 0.0259

Inverse Universe

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



42.7323, 48.5990, 56.4188



74.1227, 85.7974, 100.9330



39.6277, 42.3898, 55.3839



9.8085, 10.8094, 12.2417



18.4208, 26.9534, 36.6245



0.7216, 1.0558, 1.4346

Previews

White Background



This preview shows how the XYZ color 40.6637, 39.1393, 39.1296 looks on a white background.

Color Contrast Check

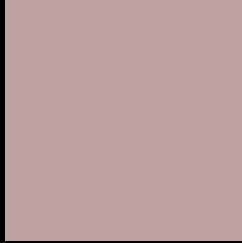
Large Text (above 18pt) WCAG AA × Fail

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 40.6637, 39.1393, 39.1296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

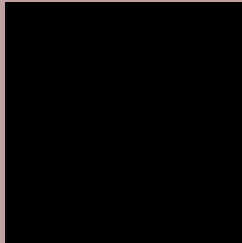
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.6637, 39.1393, 39.1296

Background



This preview shows how black text looks on a background with the XYZ color 40.6637, 39.1393, 39.1296.



This preview shows how white text looks on a background with the XYZ color 40.6637, 39.1393,

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

40.6637, 39.1393, 39.1296

Protanopia

37.6235, 39.1247, 41.1662

Deuteranopia

39.8469, 38.9787, 39.1417



Tritanopia

41.5828, 38.9813, 44.3622

Trichromacy



Original Color

40.6637, 39.1393, 39.1296

Protanomaly

38.7464, 39.1743, 40.6412

Deuteranomaly

40.0924, 39.1052, 39.1532

Tritanomaly

41.3769, 39.1752, 42.4266

Monochromacy



Original Color

40.6637, 39.1393, 39.1296

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.1539, 39.8924, 42.1956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6637, 39.1393, 39.1296 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(191, 161, 161)` looks like.

```
.text, #text, p{  
    color:rgb(191, 161, 161)  
}
```

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(191, 161, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 161, 161) }
```

Border

The CSS property to change the border of an element to XYZ 40.6637, 39.1393, 39.1296 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(191, 161, 161) }
```


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

```
.border{ border-color:rgb(191, 161, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 161, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 161, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 161, 161);  
box-shadow:4px 4px 4px 4px rgb(191, 161,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6637, 39.1393, 39.1296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 161, 161) }
```

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

```
.background{ background-color: rgb(191,  
161, 161) }
```

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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