

Converting Colors

XYZ(37.9385, 36.4528, 39.2189)

Have a look what the booklet for
XYZ(37.9385, 36.4528, 39.2189)
contains.

XYZ(37.9385, 36.4528, 39.2189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.9385, 36.4528,
39.2189)**

Conversions

Conversions Part 1

Format	Color
Hex	B79CA2
RGB	183, 156, 162
RGB Percent	72%, 61%, 64%
CMY	0.2823, 0.3882, 0.3647
CMYK	0.00, 0.15, 0.11, 0.28
HSL	347°, 16%, 66%
HSV	347°, 15%, 72%
XYZ	37.9385, 36.4528, 39.2189
YIQ	164.7570, 14.1660, 7.5900

Conversions

Conversions Part 2

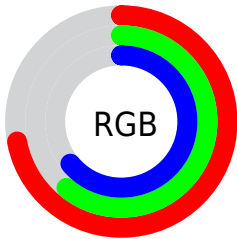
Format	Color
RYB	183, 156, 162
Decimal	12033186
CIELab	66.86, 10.97, 0.57
CIELCh	67, 10.984, 2.967
Yxy	36.4528, 0.3339, 0.3209
Android (android.graphics.Color)	4290223266 (0xFFB79CA2)
YUV	164.7570, -1.3592, 15.9991
Hunter-Lab	60.3762, 6.5056, 3.7499

Details

The XYZ color **37.9385, 36.4528, 39.2189** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5810, 44.1102, 48.0778**, and the grayscale version is **35.6501, 37.5067, 40.8448**.

A 20% lighter version of the original color is **71.4153, 69.9490, 75.3832**, and **17.0720, 15.9748, 16.9355** is the 20% darker color. If you saturate the color by 10%, you get **33.9015, 30.2903, 31.9797**, and if you desaturate by 10%, it is **42.5834, 43.6012, 47.3684**.

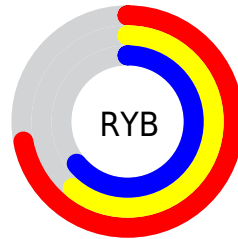
Distribution



Red (72%)

Green (61%)

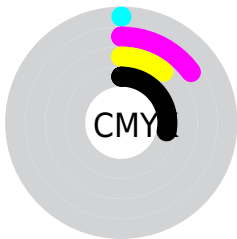
Blue (64%)



Red (72%)

Yellow (61%)

Blue (64%)

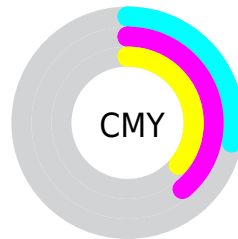


Cyan (0%)

Magenta (15%)

Yellow (11%)

Black (28%)



Cyan (28%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9385, 36.4528, 39.2189 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 37.9385, 36.4528, 39.2189 by changing the saturation by 10% instead.


 37.9385, 36.4528,
39.2189


 37.9385, 36.4528,
39.2189

328.6415,
330.9353, 358.2740

 26.1120, 24.7841,
26.6209


 71.3184, 69.7304,
75.1966

 17.0405, 15.9163,
17.0588


 93.6024, 92.1081,
99.4135

 10.3589, 9.4649,
10.1140


120.1030,
118.8242, 128.3403

 5.7016, 5.0457,
5.3680

151.1855,
150.2631, 162.3957

 2.7034, 2.2741,
2.4023

187.2152,
186.8094, 201.9983

 0.9989, 0.7599,
0.7877

228.5576,

 0.0000, 0.0000,

228.8472, 247.5665

0.0000

275.5779,
276.7611, 299.5189

■ 37.9385, 36.4528,
39.2189

■ 37.9385, 36.4528,
39.2189

■ 33.9015, 30.2903,
31.9797

■ 42.5834, 43.6012,
47.3684

■ 30.4441, 25.0656,
25.6166

■ 47.8572, 51.7710,
56.4561

■ 27.5400, 20.7340,
20.0966

■ 53.7832, 61.0021,
66.5118

■ 25.1599, 17.2451,
15.3835

■ 60.3831, 71.3307,
77.5631

■ 23.2714, 14.5436,
11.4388

■ 67.6772, 82.7913,
89.6364

■ 21.8388, 12.5674,
8.2203

■ 72.1408, 88.3282,
101.5759

■ 20.8209, 11.2451,
5.6819

■ 73.3387, 88.8074,
107.8839

■ 20.1689, 10.4903,
3.7711

■ 19.9228, 10.2251,
2.9895

Harmonies

Analogous

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



37.5732, 36.4528, 43.9986



37.9385, 36.4528, 39.2189



37.3988, 36.4528, 34.9149

Triad

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



37.9385, 36.4528, 39.2189



32.9369, 36.4528, 32.4953



33.2147, 36.4528, 48.4163

Complementary

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



37.9385, 36.4528, 39.2189



38.5810, 44.1102, 48.0778

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.



32.0341, 36.4528, 44.8837



37.9385, 36.4528, 39.2189



31.8773, 36.4528, 35.6739

Square

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



37.9385, 36.4528, 39.2189



34.4821, 36.4528, 31.2327



31.5522, 36.4528, 40.1667



34.8130, 36.4528, 49.5529

Rectangle

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



37.9385, 36.4528, 39.2189



36.6083, 36.4528, 32.8223



31.5522, 36.4528, 40.1667



32.7576, 36.4528, 47.4565

Sweetspot

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



37.9395, 36.4544, 39.2197



76.8770, 79.0328, 85.8975



38.5001, 36.5094, 49.8181



16.8316, 17.2270, 18.7146



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.9395, 36.4544, 39.2197



65.2627, 61.1773, 65.4609



38.6631, 38.7345, 36.8931



9.0841, 9.0440, 9.7904



13.9201, 7.1418, 2.2003



0.5144, 0.2612, 0.2022

Inverse Universe

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



37.9395, 36.4544, 39.2197



65.2627, 61.1773, 65.4609



37.7450, 41.4603, 50.8135



9.0841, 9.0440, 9.7904



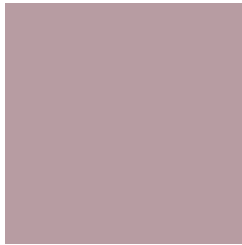
13.9201, 7.1418, 2.2003



0.5144, 0.2612, 0.2022

Previews

White Background



This preview shows how the XYZ color 37.9385, 36.4528, 39.2189 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 37.9385, 36.4528, 39.2189 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

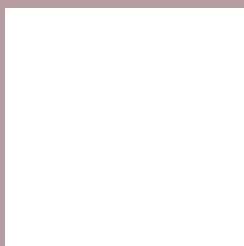
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.9385, 36.4528, 39.2189

Background



This preview shows how black text looks on a background with the XYZ color 37.9385, 36.4528, 39.2189.



This preview shows how white text looks on a background with the XYZ color 37.9385, 36.4528,

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

37.9385, 36.4528, 39.2189

Protanopia

35.2289, 36.5566, 40.7967

Deuteranopia

37.3389, 36.6461, 39.2878



Tritanopia

38.4636, 36.4231, 41.5623

Trichromacy



Original Color

37.9385, 36.4528, 39.2189

Protanomaly

36.2849, 36.5926, 40.2726

Deuteranomaly

37.4009, 36.4259, 39.2421

Tritanomaly

38.2800, 36.3496, 40.5959

Monochromacy



Original Color

37.9385, 36.4528, 39.2189

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

36.6344, 37.2917, 40.3891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9385, 36.4528, 39.2189 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(183, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(183, 156, 162)  
}
```

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(183, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 156, 162) }
```

Border

The CSS property to change the border of an element to XYZ 37.9385, 36.4528, 39.2189 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(183, 156, 162) }
```


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

```
.border{ border-color:rgb(183, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(183, 156,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9385, 36.4528, 39.2189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 156, 162) }
```

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

```
.background{ background-color: rgb(183,  
156, 162) }
```

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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