

Converting Colors

XYZ(38.6372, 35.5764, 39.7351)

Have a look what the booklet for
XYZ(38.6372, 35.5764, 39.7351)
contains.

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Color

**XYZ(38.7537, 35.6324,
39.9572)**

Conversions

Conversions Part 1

Format	Color
Hex	BD97A4
RGB	189, 151, 164
RGB Percent	74%, 59%, 64%
CMY	0.2588, 0.4078, 0.3569
CMYK	0.00, 0.20, 0.13, 0.26
HSL	339°, 22%, 67%
HSV	339°, 20%, 74%
XYZ	38.7537, 35.6324, 39.9572
YIQ	163.8440, 18.4750, 12.0990

Conversions

Conversions Part 2

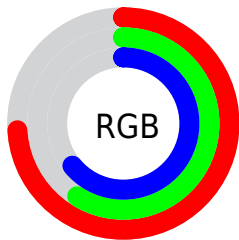
Format	Color
R_{YB}	189, 151, 164
Decimal	12425124
CIE _{Lab}	66.24, 16.29, -1.40
CIE _{LCh}	66, 16.347, 355.091
Yxy	35.6324, 0.3389, 0.3116
Android (android.graphics.Color)	4290615204 (0xFFBD97A4)
YUV	163.8440, 0.0769, 22.0618
Hunter-Lab	59.6929, 11.4229, 2.0975

Details

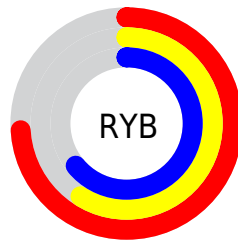
The XYZ color **38.7537, 35.6324, 39.9572** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7980, 46.1099, 47.9317**, and the grayscale version is **35.2068, 37.0403, 40.3369**.

A 20% lighter version of the original color is **72.6235, 68.3699, 76.3869**, and **17.4735, 15.4351, 17.3876** is the 20% darker color. If you saturate the color by 10%, you get **34.8839, 29.6026, 33.3949**, and if you desaturate by 10%, it is **43.2230, 42.6845, 47.2619**.

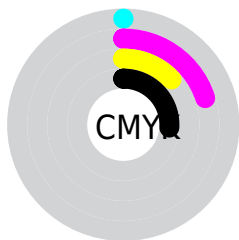
Distribution



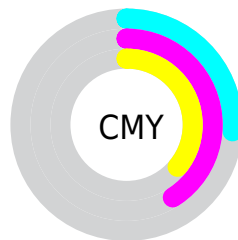
- Red (74%)
- Green (59%)
- Blue (64%)



- Red (74%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (26%)





- Cyan (26%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.7537, 35.6324, 39.9572 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 38.7537, 35.6324, 39.9572 by changing the saturation by 10% instead.


 38.7537, 35.6324,
39.9572


 38.7537, 35.6324,
39.9572


332.0674,
327.3510, 361.4899

 26.7480, 24.1504,
27.1916


 72.5584, 68.4643,
76.3347

 17.5197, 15.4452,
17.4835


 95.0881, 90.5830,
100.7837

 10.7033, 9.1325,
10.4142


121.8566,
117.0161, 129.9643

 5.9335, 4.8277,
5.5653

153.2292,
148.1480, 164.2951

 2.8450, 2.1465,
2.5181

189.5712,
184.3630, 204.1944

 1.0723, 0.6906,
0.8497

231.2480,

 0.0018, 0.0000,

226.0456, 250.0810

0.0000

278.6249,
273.5801, 302.3733

■ 0.0000, 0.0000,
0.0000

■ 38.7537, 35.6324,
39.9572

■ 38.7537, 35.6324,
39.9572

■ 34.8839, 29.6026,
33.3949

■ 43.2230, 42.6845,
47.2619

■ 31.5841, 24.5427,
27.5487

■ 48.3134, 50.7987,
55.3299

■ 28.8272, 20.4029,
22.3935

■ 54.0492, 60.0184,
64.1839

■ 26.5821, 17.1269,
17.9020

■ 60.4523, 70.3831,
73.8451

■ 24.8147, 14.6522,
14.0451

■ 67.5437, 81.9304,
84.3337

■ 23.4865, 12.9078,
10.7907

■ 72.2693, 88.5480,
94.6445

■ 22.5522, 11.8099,
8.1035

■ 74.1666, 89.3070,
104.6358

■ 21.9303, 11.1965,
5.9529

■ 74.7964, 89.5589,
107.9521

Harmonies

Analogous

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



37.8572, 35.6324, 46.9948



38.7537, 35.6324, 39.9572



38.2906, 35.6324, 33.3807

Triad

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



38.7537, 35.6324, 39.9572



31.9191, 35.6324, 27.8696



31.2563, 35.6324, 50.8754

Complementary

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



38.7537, 35.6324, 39.9572



38.7980, 46.1099, 47.9317

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.



29.7989, 35.6324, 44.7710



38.7537, 35.6324, 39.9572



30.1685, 35.6324, 31.6138

Square

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



38.7537, 35.6324, 39.9572



34.2700, 35.6324, 26.9047



29.4104, 35.6324, 37.6607



33.4682, 35.6324, 53.7621

Rectangle

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



38.7537, 35.6324, 39.9572



37.2843, 35.6324, 30.0486



29.4104, 35.6324, 37.6607



30.6661, 35.6324, 49.0987

Sweetspot

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



38.7547, 35.6340, 39.9579



80.9295, 82.0385, 90.2699



38.0899, 35.0043, 52.8934



17.2781, 17.4424, 19.2126



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.



38.7547, 35.6340, 39.9579



66.3136, 58.9778, 66.3730



38.5797, 37.0673, 34.4015



9.6612, 9.5888, 10.6051



14.7879, 7.5463, 4.1768



0.6105, 0.3081, 0.3279

Inverse Universe

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



38.7547, 35.6340, 39.9579



66.3136, 58.9778, 66.3730



38.9444, 44.2453, 54.6320



9.6612, 9.5888, 10.6051



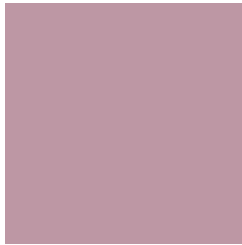
14.7879, 7.5463, 4.1768



0.6105, 0.3081, 0.3279

Previews

White Background



This preview shows how the XYZ color 38.7537, 35.6324, 39.9572 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 38.7537, 35.6324, 39.9572 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 38.7537, 35.6324, 39.9572

Background



This preview shows how black text looks on a background with the XYZ color 38.7537, 35.6324, 39.9572.



This preview shows how white text looks on a background with the XYZ color 38.7537, 35.6324,

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

38.7537, 35.6324, 39.9572

Protanopia

34.7268, 35.7253, 43.0956

Deuteranopia

36.4038, 35.6514, 39.6130



Tritanopia

38.6637, 35.5964, 39.4833

Trichromacy



Original Color

38.7537, 35.6324, 39.9572

Protanomaly

36.1381, 35.7118, 42.0342

Deuteranomaly

37.2225, 35.5793, 39.5560

Tritanomaly

38.6637, 35.5964, 39.4833

Monochromacy



Original Color

38.7537, 35.6324, 39.9572

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

36.3326, 36.3608, 40.2254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7537, 35.6324, 39.9572 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(189, 151, 164)` looks like.

```
.text, #text, p{  
    color:rgb(189, 151, 164)  
}
```

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(189, 151, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 151, 164) }
```

Border

The CSS property to change the border of an element to XYZ 38.7537, 35.6324, 39.9572 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(189, 151, 164) }
```


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

```
.border{ border-color:rgb(189, 151, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 151, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 151, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 151, 164);  
box-shadow:4px 4px 4px 4px rgb(189, 151,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7537, 35.6324, 39.9572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 151, 164) }
```

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

```
.background{ background-color: rgb(189,  
151, 164) }
```

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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