

Converting Colors

XYZ(37.3597, 38.0500, 46.9703)

Have a look what the booklet for
XYZ(37.3597, 38.0500, 46.9703)
contains.

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Color

**XYZ(37.3597, 38.0501,
46.9703)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A4B1
RGB	168, 164, 177
RGB Percent	66%, 64%, 69%
CMY	0.3412, 0.3568, 0.3059
CMYK	0.05, 0.07, 0.00, 0.31
HSL	258°, 8%, 67%
HSV	258°, 7%, 69%
XYZ	37.3597, 38.0501, 46.9703
YIQ	166.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

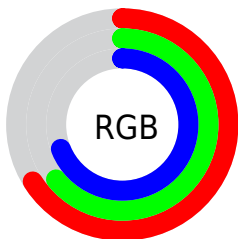
Format	Color
RYB	168, 164, 177
Decimal	11052209
CIELab	68.06, 3.94, -6.19
CIElCh	68, 7.342, 302.502
Yxy	38.0501, 0.3053, 0.3109
Android (android.graphics.Color)	4289242289 (0xFFA8A4B1)
YUV	166.6780, 5.0887, 1.1594
Hunter-Lab	61.6848, 0.1611, -1.9675

Details

The XYZ color **37.3597, 38.0501, 46.9703** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6581, 43.0099, 41.3354**, and the grayscale version is **36.5516, 38.4551, 41.8776**.

A 20% lighter version of the original color is **70.4709, 72.2342, 87.3192**, and **16.6347, 16.7566, 21.4264** is the 20% darker color. If you saturate the color by 10%, you get **31.9226, 30.8684, 45.8712**, and if you desaturate by 10%, it is **43.4858, 46.2435, 48.2295**.

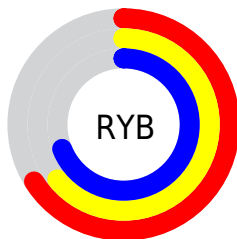
Distribution



Red (66%)

Green (64%)

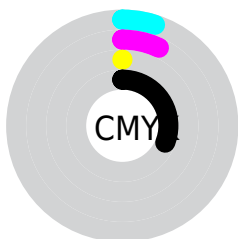
Blue (69%)



Red (66%)

Yellow (64%)

Blue (69%)

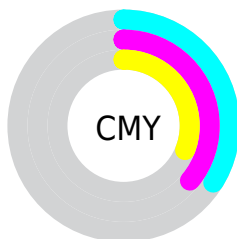


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (34%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3597, 38.0501, 46.9703 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 37.3597, 38.0501, 46.9703 by changing the saturation by 10% instead.

■ 37.3597, 38.0501,
46.9703

■ 37.3597, 38.0501,
46.9703

326.1938,
337.8348, 391.0863

■ 25.6611, 26.0216,
32.6580

■ 70.4359, 72.1849,
87.0188

■ 16.7016, 16.8398,
21.5956

■ 92.5442, 95.0600,
113.5921

■ 10.1160, 10.1203,
13.3646

118.8531,
122.3194, 145.0895

■ 5.5388, 5.4788,
7.5464

149.7279,
154.3475, 181.9294

■ 2.6047, 2.5308,
3.7225

185.5340,
191.5287, 224.5306

■ 0.9483, 0.8920,
1.4744

226.6368,

■ 0.0000, 0.0000,

234.2474, 273.3114

0.1987

273.4016,
282.8880, 328.6905

■ 0.0000, 0.0000,
0.0000

■ 37.3597, 38.0501,
46.9703

■ 37.3597, 38.0501,
46.9703

■ 31.9226, 30.8684,
45.8712

■ 43.4858, 46.2435,
48.2295

■ 27.1464, 24.6540,
44.9235

■ 50.3213, 55.4813,
49.6523

■ 23.0058, 19.3660,
44.1210

■ 57.8895, 65.8006,
51.2452

■ 19.4724, 14.9590,
43.4566

■ 66.2119, 77.2352,
53.0137

■ 16.5158, 11.3834,
42.9223

■ 75.3090, 89.8175,
54.9628

■ 14.1026, 8.5848,
42.5093

■ 80.1567, 93.4906,
55.4163

■ 12.1957, 6.5019,
42.2078

■ 84.4951, 95.7271,
55.6194

■ 10.7526, 5.0639,
42.0062

■ 84.9359, 95.9544,
55.6400

■ 9.7140, 4.1668,
41.8878

Harmonies

Analogous

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



36.2615, 38.0501, 48.0441



37.3597, 38.0501, 46.9703



38.1509, 38.0501, 44.4057

Triad

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



37.3597, 38.0501, 46.9703



37.1901, 38.0501, 36.0923



34.0133, 38.0501, 41.7056

Complementary

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



37.3597, 38.0501, 46.9703



39.6581, 43.0099, 41.3354

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.



34.2502, 38.0501, 38.5905



37.3597, 38.0501, 46.9703



36.0696, 38.0501, 35.4528

Square

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



37.3597, 38.0501, 46.9703



38.0515, 38.0501, 38.1382



34.9970, 38.0501, 36.3436



34.3428, 38.0501, 44.9062

Rectangle

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



37.3597, 38.0501, 46.9703



38.3892, 38.0501, 42.2571



34.9970, 38.0501, 36.3436



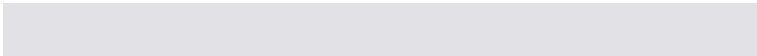
34.0293, 38.0501, 40.6139

Sweetspot

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



37.3608, 38.0517, 46.9711



72.5787, 75.7077, 85.2830



38.2098, 40.9936, 47.4942



15.7554, 16.4424, 18.4876



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



37.3608, 38.0517, 46.9711



65.0575, 65.6870, 83.7453



38.7573, 38.7716, 47.0365



8.2796, 8.3527, 10.6822



6.9245, 2.9055, 30.3328



0.2791, 0.1230, 0.9573

Inverse Universe

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



38.9511, 38.9169, 44.9960



68.5746, 67.6010, 79.3506



38.2763, 42.2976, 41.2708



8.7365, 8.6013, 10.1110



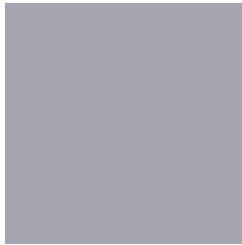
15.7356, 7.8118, 14.2997



0.5197, 0.2556, 0.5797

Previews

White Background



This preview shows how the XYZ color 37.3597, 38.0501, 46.9703 looks on a white background.

Color Contrast Check

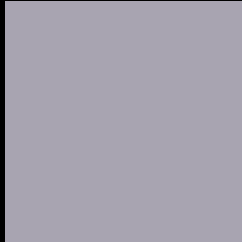
Large Text (above 18pt) WCAG AA × Fail

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 37.3597, 38.0501, 46.9703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

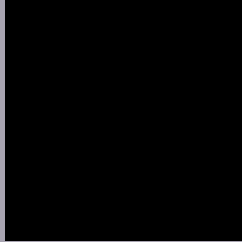
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3597, 38.0501, 46.9703

Background



This preview shows how black text looks on a background with the XYZ color 37.3597, 38.0501, 46.9703.

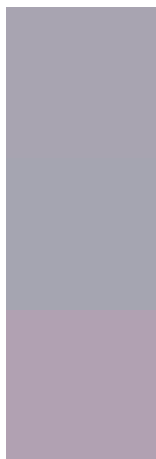


This preview shows how white text looks on a background with the XYZ color 37.3597, 38.0501,

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

37.3597, 38.0501, 46.9703

Protanopia

36.9080, 38.0839, 47.0006

Deuteranopia

38.9122, 38.0512, 47.4132



Tritanopia

37.3597, 38.0501, 46.9703

Trichromacy



Original Color

37.3597, 38.0501, 46.9703

Protanomaly

37.1168, 38.1916, 47.0104

Deuteranomaly

38.4118, 38.0537, 47.4401

Tritanomaly

37.3597, 38.0501, 46.9703

Monochromacy



Original Color

37.3597, 38.0501, 46.9703

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.9233, 38.4282, 43.9994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3597, 38.0501, 46.9703 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(168, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(168, 164, 177)  
}
```

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(168, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 164, 177) }
```

Border

The CSS property to change the border of an element to XYZ 37.3597, 38.0501, 46.9703 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(168, 164, 177) }
```


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

```
.border{ border-color:rgb(168, 164, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 164, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 164, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 164, 177); box-shadow:4px 4px 4px 4px rgb(168, 164, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3597, 38.0501, 46.9703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 164, 177) }
```

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

```
.background{ background-color: rgb(168,  
164, 177) }
```

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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