

Converting Colors

XYZ(40.0550, 38.7895, 59.4924)

Have a look what the booklet for
XYZ(40.0550, 38.7895, 59.4924)
contains.

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Color

**XYZ(40.2006, 38.9758,
59.4371)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA3C7
RGB	171, 163, 199
RGB Percent	67%, 64%, 78%
CMY	0.3294, 0.3608, 0.2196
CMYK	0.14, 0.18, 0.00, 0.22
HSL	253°, 24%, 71%
HSV	253°, 18%, 78%
XYZ	40.2006, 38.9758, 59.4371
YIQ	169.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

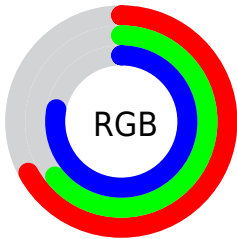
Format	Color
RYB	171, 163, 199
Decimal	11248583
CIELab	68.73, 10.09, -17.36
CIELCh	69, 20.080, 300.159
Yxy	38.9758, 0.2900, 0.2812
Android (android.graphics.Color)	4289438663 (0xFFABA3C7)
YUV	169.4960, 14.5455, 1.3190
Hunter-Lab	62.4306, 5.6870, -12.7457

Details

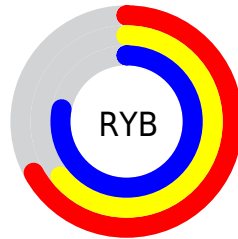
The XYZ color **40.2006, 38.9758, 59.4371** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.5213, 54.5685, 42.6275**, and the grayscale version is **37.8913, 39.8646, 43.4125**.

A 20% lighter version of the original color is **74.8000, 73.6937, 104.8897**, and **18.2665, 17.2648, 29.1577** is the 20% darker color. If you saturate the color by 10%, you get **33.7652, 30.8201, 58.2027**, and if you desaturate by 10%, it is **47.5892, 48.4502, 60.8770**.

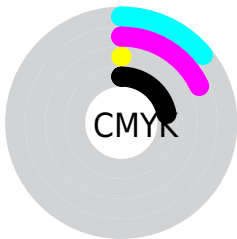
Distribution



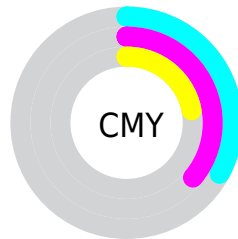
- Red (67%)
- Green (64%)
- Blue (78%)



- Red (67%)
- Yellow (64%)
- Blue (78%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2006, 38.9758, 59.4371 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 40.2006, 38.9758, 59.4371 by changing the saturation by 10% instead.

■ 40.2006, 38.9758,
59.4371

■ 40.2006, 38.9758,
59.4371

338.0883,
341.7876, 440.2667

■ 27.8799, 26.7409,
42.5428

■ 74.7513, 73.6013,
105.5480

■ 18.3751, 17.3787,
29.1978

■ 97.7120, 96.7608,
135.6017

■ 11.3210, 10.5049,
18.9836

124.9500,
124.3305, 170.8789

■ 6.3520, 5.7350,
11.4818

156.8308,
156.6950, 211.7982

■ 3.1030, 2.6846,
6.2736

193.7197,
194.2385, 258.7781

■ 1.2085, 0.9694,
2.9407

235.9820,

■ 0.1130, 0.0000,

237.3455, 312.2371

1.0644

283.9830,
286.4004, 372.5938

■ 0.0000, 0.0000,
0.0000

■ 40.2006, 38.9758,
59.4371

■ 40.2006, 38.9758,
59.4371

■ 33.7652, 30.8201,
58.2027

■ 47.5892, 48.4502,
60.8770

■ 28.2400, 23.9194,
57.1619

■ 55.9646, 59.2937,
62.5286

■ 23.5837, 18.2120,
56.3057

■ 65.3630, 71.5597,
64.4008

■ 19.7507, 13.6288,
55.6231

■ 75.8179, 85.2975,
66.5015

■ 16.6906, 10.0937,
55.1020

■ 84.9202, 95.6721,
68.0242

■ 14.3476, 7.5208,
54.7289

■ 87.3089, 96.9036,
68.1360

■ 12.6573, 5.8100,
54.4878

■ 11.5306, 4.8146,
54.3550

■ 11.3570, 4.6639,
54.3351

Harmonies

Analogous

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



37.0623, 38.9758, 62.4518



40.2006, 38.9758, 59.4371



42.6020, 38.9758, 51.7542

Triad

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



40.2006, 38.9758, 59.4371



40.1695, 38.9758, 28.9972



31.2651, 38.9758, 42.4867

Complementary

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



40.2006, 38.9758, 59.4371



48.5213, 54.5685, 42.6275

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.



31.9942, 38.9758, 34.3128



40.2006, 38.9758, 59.4371



37.0283, 38.9758, 27.2344

Square

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



40.2006, 38.9758, 59.4371



42.5833, 38.9758, 34.2397



34.0596, 38.9758, 29.0350



32.0096, 38.9758, 51.8505

Rectangle

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



40.2006, 38.9758, 59.4371



43.3974, 38.9758, 45.4995



34.0596, 38.9758, 29.0350



31.3454, 38.9758, 39.5170

Sweetspot

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



40.2018, 38.9774, 59.4380



87.5617, 90.3006, 107.4225



44.0887, 49.2601, 61.2179



18.5243, 19.0470, 22.9501



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.



40.2018, 38.9774, 59.4380



65.4191, 61.9237, 103.1123



44.3439, 41.1127, 59.6318



10.2734, 10.3992, 13.3833



7.3655, 3.0313, 34.9413



0.4132, 0.1767, 1.6575

Inverse Universe

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



46.0556, 42.0996, 54.9904



77.7479, 68.5038, 93.5510



44.3133, 52.3992, 42.4305



10.9783, 10.7747, 12.8692



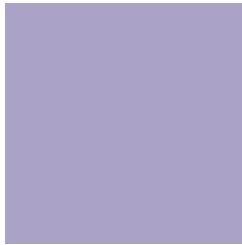
18.9720, 9.3383, 20.8600



0.9240, 0.4524, 1.1227

Previews

White Background



This preview shows how the XYZ color 40.2006, 38.9758, 59.4371 looks on a white background.

Color Contrast Check

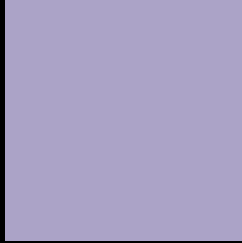
Large Text (above 18pt) WCAG AA × Fail

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 40.2006, 38.9758, 59.4371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

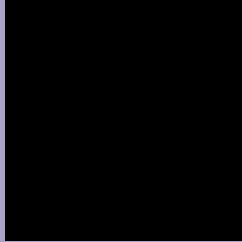
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2006, 38.9758, 59.4371

Background



This preview shows how black text looks on a background with the XYZ color 40.2006, 38.9758, 59.4371.



This preview shows how white text looks on a background with the XYZ color 40.2006, 38.9758,

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

40.2006, 38.9758, 59.4371

Protanopia

38.6760, 38.9631, 60.7405

Deuteranopia

39.9464, 39.1095, 59.4763



Tritanopia

38.0229, 38.8926, 48.6830

Trichromacy



Original Color

40.2006, 38.9758, 59.4371

Protanomaly

39.1903, 38.9729, 60.1006

Deuteranomaly

40.1618, 39.2205, 59.4864

Tritanomaly

38.7870, 38.9331, 52.4843

Monochromacy



Original Color

40.2006, 38.9758, 59.4371

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.6345, 39.4788, 48.7639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2006, 38.9758, 59.4371 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(171, 163, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 163, 199)  
}
```

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(171, 163, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 163, 199) }
```

Border

The CSS property to change the border of an element to XYZ 40.2006, 38.9758, 59.4371 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(171, 163, 199) }
```


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

```
.border{ border-color:rgb(171, 163, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 163, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 163, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 163, 199);  
box-shadow:4px 4px 4px 4px rgb(171, 163,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2006, 38.9758, 59.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 163, 199) }
```

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

```
.background{ background-color: rgb(171,  
163, 199) }
```

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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