

Converting Colors

XYZ(41.0852, 39.4319, 59.4785)

Have a look what the booklet for
XYZ(41.0852, 39.4319, 59.4785)
contains.

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Color

**XYZ(41.0852, 39.4319,
59.4785)**

Conversions

Conversions Part 1

Format	Color
Hex	AFA3C7
RGB	175, 163, 199
RGB Percent	69%, 64%, 78%
CMY	0.3137, 0.3608, 0.2196
CMYK	0.12, 0.18, 0.00, 0.22
HSL	260°, 24%, 71%
HSV	260°, 18%, 78%
XYZ	41.0852, 39.4319, 59.4785
YIQ	170.6920, -4.4040, 13.7400

Conversions

Conversions Part 2

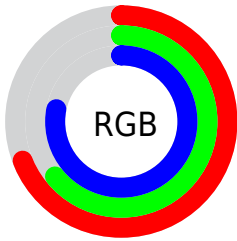
Format	Color
R_{YB}	175, 163, 199
Decimal	11510727
CIE _{Lab}	69.06, 11.40, -16.83
CIE _{LCh}	69, 20.330, 304.114
Yxy	39.4319, 0.2935, 0.2817
Android (android.graphics.Color)	4289700807 (0xFFAFA3C7)
YUV	170.6920, 13.9558, 3.7781
Hunter-Lab	62.7948, 6.8975, -12.2024

Details

The XYZ color **41.0852, 39.4319, 59.4785** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.5292, 54.0570, 42.5812**, and the grayscale version is **38.4891, 40.4936, 44.0975**.

A 20% lighter version of the original color is **76.0764, 74.3517, 104.9494**, and **18.8213, 17.5508, 29.1837** is the 20% darker color. If you saturate the color by 10%, you get **34.9934, 31.4533, 58.2602**, and if you desaturate by 10%, it is **48.0281, 48.6766, 60.8976**.

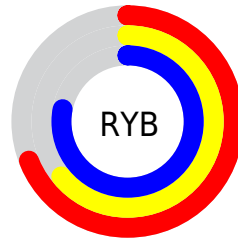
Distribution



Red (69%)

Green (64%)

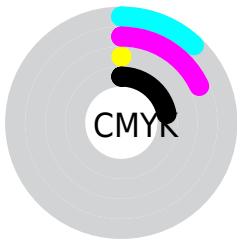
Blue (78%)



Red (69%)

Yellow (64%)

Blue (78%)

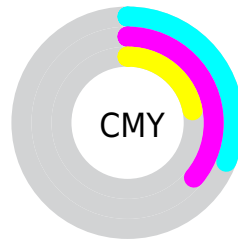


Cyan (12%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (31%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0852, 39.4319, 59.4785 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 41.0852, 39.4319, 59.4785 by changing the saturation by 10% instead.

■ 41.0852, 39.4319,
59.4785

■ 41.0852, 39.4319,
59.4785

341.7331,
343.7233, 440.4240

■ 28.5736, 27.0959,
42.5759

■ 76.0871, 74.2977,
105.6087

■ 18.9012, 17.6452,
29.2236

■ 99.3081, 97.5962,
135.6735

■ 11.7025, 10.6956,
19.0030

126.8297,
125.3177, 170.9626

■ 6.6122, 5.8625,
11.4956

159.0172,
157.8465, 211.8948

■ 3.2649, 2.7617,
6.2829

196.2359,
195.5671, 258.8884

■ 1.2954, 1.0086,
2.9463

238.8512,

■ 0.1797, 0.0000,

238.8638, 312.3622

1.0673

287.2285,
288.1211, 372.7345

■ 0.0000, 0.0000,
0.0000

■ 41.0852, 39.4319,
59.4785

■ 41.0852, 39.4319,
59.4785

■ 34.9934, 31.4533,
58.2602

■ 48.0281, 48.6766,
60.8976

■ 29.7146, 24.6796,
57.2309

■ 55.8506, 59.2350,
62.5233

■ 25.2132, 19.0521,
56.3820

■ 64.5845, 71.1585,
64.3644

■ 21.4496, 14.5046,
55.7026

■ 74.2588, 84.4939,
66.4285

■ 18.3799, 10.9646,
55.1811

■ 82.4604, 94.4040,
67.9091

■ 15.9556, 8.3497,
54.8041

■ 87.1642, 96.8290,
68.1292

■ 14.1204, 6.5643,
54.5562

■ 87.3089, 96.9036,
68.1360

■ 12.7947, 5.4663,
54.4142

■ 12.5778, 5.2932,
54.3922

Harmonies

Analogous

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



37.9279, 39.4319, 63.3192



41.0852, 39.4319, 59.4785



43.3721, 39.4319, 51.2110

Triad

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



41.0852, 39.4319, 59.4785



40.2671, 39.4319, 28.7913



31.5981, 39.4319, 44.2283

Complementary

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



41.0852, 39.4319, 59.4785



47.5292, 54.0570, 42.5812

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.



32.1451, 39.4319, 35.6018



41.0852, 39.4319, 59.4785



37.0334, 39.4319, 27.4746

Square

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



41.0852, 39.4319, 59.4785



42.8810, 39.4319, 33.6792



34.0899, 39.4319, 29.7838



32.5506, 39.4319, 53.7470

Rectangle

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



41.0852, 39.4319, 59.4785



44.0287, 39.4319, 44.7918



34.0899, 39.4319, 29.7838



31.6131, 39.4319, 41.1295

Sweetspot

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



41.0864, 39.4335, 59.4794



88.0581, 90.5565, 107.4457



43.3123, 47.7071, 60.9590



18.6446, 19.1091, 22.9557



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.



41.0864, 39.4335, 59.4794



67.2438, 62.8644, 103.1976



45.2469, 41.5783, 59.6741



10.3842, 10.4563, 13.3885



8.1714, 3.4467, 34.9790



0.4641, 0.2030, 1.6599

Inverse Universe

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



45.6213, 41.9261, 52.7036



76.8247, 68.1345, 88.6893



43.5268, 51.9937, 42.3939



10.9270, 10.7542, 12.5989



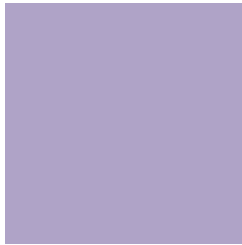
17.8951, 8.9076, 15.1894



0.8799, 0.4348, 0.8909

Previews

White Background



This preview shows how the XYZ color 41.0852, 39.4319, 59.4785 looks on a white background.

Color Contrast Check

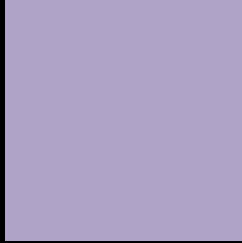
Large Text (above 18pt) WCAG AA × Fail

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 41.0852, 39.4319, 59.4785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

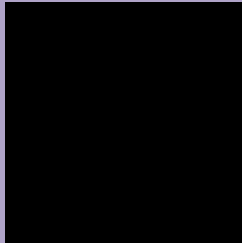
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0852, 39.4319, 59.4785

Background



This preview shows how black text looks on a background with the XYZ color 41.0852, 39.4319, 59.4785.



This preview shows how white text looks on a background with the XYZ color 41.0852, 39.4319,

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

41.0852, 39.4319, 59.4785

Protanopia

39.1773, 39.4788, 61.4324

Deuteranopia

40.3415, 39.5798, 59.5463



Tritanopia

38.8877, 39.3384, 48.7235

Trichromacy



Original Color

41.0852, 39.4319, 59.4785

Protanomaly

39.9047, 39.5965, 60.7980

Deuteranomaly

40.5975, 39.4451, 59.5068

Tritanomaly

39.6584, 39.3824, 52.5250

Monochromacy



Original Color

41.0852, 39.4319, 59.4785

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3564, 40.1121, 49.3842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0852, 39.4319, 59.4785 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(175, 163, 199)` looks like.

```
.text, #text, p{  
    color:rgb(175, 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(175, 163, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 163, 199) }
```

Border

The CSS property to change the border of an element to XYZ 41.0852, 39.4319, 59.4785 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(175, 163, 199) }
```


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

```
.border{ border-color:rgb(175, 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(175, 163, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 163, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 163, 199);  
box-shadow:4px 4px 4px 4px rgb(175, 163,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0852, 39.4319, 59.4785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 163, 199) }
```

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

```
.background{ background-color: rgb(175,  
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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