

Converting Colors

XYZ(39.8517, 38.4595, 60.8243)

Have a look what the booklet for
XYZ(39.8517, 38.4595, 60.8243)
contains.

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Color

**XYZ(39.8251, 38.4927,
60.5892)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A2C9
RGB	169, 162, 201
RGB Percent	66%, 64%, 79%
CMY	0.3372, 0.3647, 0.2118
CMYK	0.16, 0.19, 0.00, 0.21
HSL	251°, 27%, 71%
HSV	251°, 19%, 79%
XYZ	39.8251, 38.4927, 60.5892
YIQ	168.5390, -8.3470, 13.6130

Conversions

Conversions Part 2

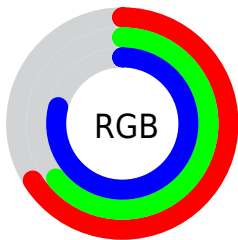
Format	Color
R _Y B	169, 162, 201
Decimal	11117257
CIE Lab	68.38, 10.43, -19.02
CIE LCh	68, 21.690, 298.746
Yxy	38.4927, 0.2867, 0.2771
Android (android.graphics.Color)	4289307337 (0xFFA9A2C9)
YUV	168.5390, 16.0033, 0.4043
Hunter-Lab	62.0425, 6.0049, -14.4714

Details

The XYZ color **39.8251, 38.4927, 60.5892** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.6577, 55.8523, 42.3475**, and the grayscale version is **37.4120, 39.3604, 42.8635**.

A 20% lighter version of the original color is **73.9142, 72.8533, 104.7741**, and **18.1785, 17.0404, 29.9348** is the 20% darker color. If you saturate the color by 10%, you get **33.2457, 30.2590, 59.3473**, and if you desaturate by 10%, it is **47.4192, 48.0915, 62.0423**.

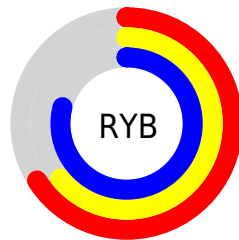
Distribution



Red (66%)

Green (64%)

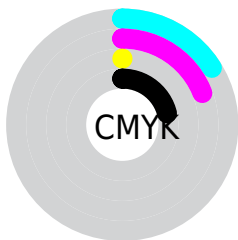
Blue (79%)



Red (66%)

Yellow (64%)

Blue (79%)

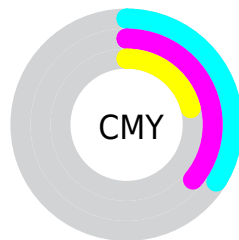


Cyan (16%)

Magenta (19%)

Yellow (0%)

Black (21%)



Cyan (34%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8251, 38.4927, 60.5892 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 39.8251, 38.4927, 60.5892 by changing the saturation by 10% instead.

■ 39.8251, 38.4927,
60.5892

■ 39.8251, 38.4927,
60.5892

336.5329,
339.7288, 444.6309

■ 27.5858, 26.3653,
43.4653

■ 74.1831, 72.8627,
107.2356

■ 18.1525, 17.0971,
29.9163

■ 97.0326, 95.8741,
137.5953

■ 11.1599, 10.3038,
19.5235

124.1495,
123.2823, 173.2039

■ 6.2426, 5.6008,
11.8686

155.8992,
155.4716, 214.4801

■ 3.0352, 2.6039,
6.5328

192.6470,
192.8266, 261.8423

■ 1.1724, 0.9286,
3.0977

234.7583,

■ 0.0844, 0.0000,

235.7315, 315.7092

1.1447

282.5985,
284.5708, 376.4992

■ 0.0000, 0.0000,
0.0000

■ 39.8251, 38.4927,
60.5892

■ 39.8251, 38.4927,
60.5892

■ 33.2457, 30.2590,
59.3473

■ 47.4192, 48.0915,
62.0423

■ 27.6340, 23.3235,
58.3044

■ 56.0651, 59.1088,
63.7132

■ 22.9447, 17.6206,
57.4508

■ 65.8024, 71.6010,
65.6112

■ 19.1271, 13.0773,
56.7751

■ 76.6678, 85.6200,
67.7445

■ 16.1258, 9.6125,
56.2645

■ 86.2550, 96.3333,
69.3070

■ 13.8786, 7.1347,
55.9046

■ 87.5427, 96.9971,
69.3673

■ 12.3138, 5.5365,
55.6786

■ 11.3208, 4.6376,
55.5575

■ 11.2727, 4.5934,
55.5515

Harmonies

Analogous

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



36.4431, 38.4927, 63.5850



39.8251, 38.4927, 60.5892



42.4717, 38.4927, 52.4096

Triad

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



39.8251, 38.4927, 60.5892



40.0883, 38.4927, 27.8427



30.4248, 38.4927, 41.5030

Complementary

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



39.8251, 38.4927, 60.5892



49.6577, 55.8523, 42.3475

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.



31.2711, 38.4927, 32.9191



39.8251, 38.4927, 60.5892



36.7296, 38.4927, 25.8256

Square

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



39.8251, 38.4927, 60.5892



42.6302, 38.4927, 33.5279



33.5278, 38.4927, 27.5314



31.1422, 38.4927, 51.5889

Rectangle

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



39.8251, 38.4927, 60.5892



43.3884, 38.4927, 45.6779



33.5278, 38.4927, 27.5314



30.5348, 38.4927, 38.3590

Sweetspot

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



39.8263, 38.4943, 60.5901



85.8929, 88.3199, 107.1281



44.8474, 50.7061, 62.6825



18.1800, 18.6438, 22.8904



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.



39.8263, 38.4943, 60.5901



63.5661, 60.1053, 102.8589



44.2032, 40.7507, 60.7949



10.2313, 10.3775, 13.3813



7.1436, 2.9169, 34.9309



0.3941, 0.1669, 1.6566

Inverse Universe

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



46.7466, 42.1548, 56.7136



77.4604, 67.4585, 94.9050



45.0886, 53.4968, 42.1337



10.9983, 10.7827, 12.9742



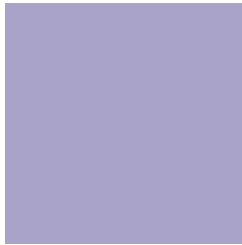
19.4423, 9.5265, 23.3368



0.9425, 0.4599, 1.2206

Previews

White Background



This preview shows how the XYZ color 39.8251, 38.4927, 60.5892 looks on a white background.

Color Contrast Check

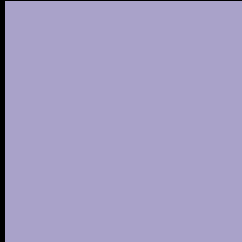
Large Text (above 18pt) WCAG AA × Fail

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 39.8251, 38.4927, 60.5892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

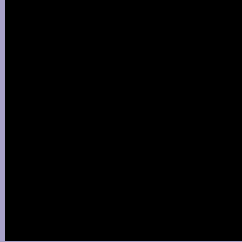
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.8251, 38.4927, 60.5892

Background



This preview shows how black text looks on a background with the XYZ color 39.8251, 38.4927, 60.5892.



This preview shows how white text looks on a background with the XYZ color 39.8251, 38.4927,

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

39.8251, 38.4927, 60.5892

Protanopia

38.3352, 38.4912, 61.9090

Deuteranopia

39.3657, 38.5184, 60.6183



Tritanopia

37.2900, 38.5264, 48.1188

Trichromacy



Original Color

39.8251, 38.4927, 60.5892

Protanomaly

38.8364, 38.4966, 61.2608

Deuteranomaly

39.5762, 38.6269, 60.6282

Tritanomaly

38.1507, 38.6051, 52.4545

Monochromacy



Original Color

39.8251, 38.4927, 60.5892

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.3389, 39.0436, 49.2316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8251, 38.4927, 60.5892 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(169, 162, 201)` looks like.

```
.text, #text, p{  
    color:rgb(169, 162, 201)  
}
```

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(169, 162, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 162, 201) }
```

Border

The CSS property to change the border of an element to XYZ 39.8251, 38.4927, 60.5892 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(169, 162, 201) }
```


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

```
.border{ border-color:rgb(169, 162, 201) }
```

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

Here you see how a box with a 4 pixel rgb(169, 162, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 162, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 162, 201);  
box-shadow:4px 4px 4px 4px rgb(169, 162,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8251, 38.4927, 60.5892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 162, 201) }
```

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

```
.background{ background-color: rgb(169,  
162, 201) }
```

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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