

Converting Colors

XYZ(40.8083, 39.1479, 56.8879)

Have a look what the booklet for
XYZ(40.8083, 39.1479, 56.8879)
contains.

XYZ(40.9021, 39.1279, 57.0264)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(40.9021, 39.1279,
57.0264)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A2C3
RGB	177, 162, 195
RGB Percent	69%, 64%, 76%
CMY	0.3059, 0.3647, 0.2353
CMYK	0.09, 0.17, 0.00, 0.24
HSL	267°, 22%, 70%
HSV	267°, 17%, 76%
XYZ	40.9021, 39.1279, 57.0264
YIQ	170.2470, -1.6530, 13.4430

Conversions

Conversions Part 2

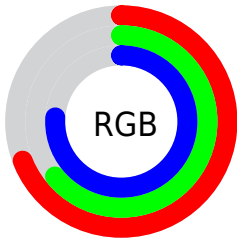
Format	Color
RYB	177, 162, 195
Decimal	11641539
CIELab	68.84, 11.78, -14.93
CIElCh	69, 19.021, 308.281
Yxy	39.1279, 0.2984, 0.2855
Android (android.graphics.Color)	4289831619 (0xFFB1A2C3)
YUV	170.2470, 12.2032, 5.9224
Hunter-Lab	62.5523, 7.2522, -10.2657

Details

The XYZ color **40.9021, 39.1279, 57.0264** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.8605, 51.3431, 41.7301**, and the grayscale version is **38.2743, 40.2675, 43.8513**.

A 20% lighter version of the original color is **75.9878, 73.9776, 102.3696**, and **18.6958, 17.3600, 27.5647** is the 20% darker color. If you saturate the color by 10%, you get **35.4010, 31.5829, 55.8606**, and if you desaturate by 10%, it is **47.1271, 47.8388, 58.3803**.

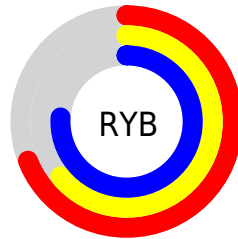
Distribution



Red (69%)

Green (64%)

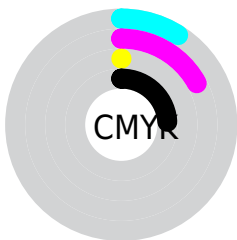
Blue (76%)



Red (69%)

Yellow (64%)

Blue (76%)

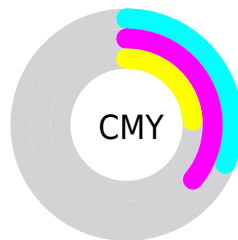


Cyan (9%)

Magenta (17%)

Yellow (0%)

Black (24%)



Cyan (31%)

Magenta (36%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9021, 39.1279, 57.0264 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 40.9021, 39.1279, 57.0264 by changing the saturation by 10% instead.

■ 40.9021, 39.1279,
57.0264

■ 40.9021, 39.1279,
57.0264

340.9809,
342.4340, 431.0447

■ 28.4299, 26.8592,
40.6169

■ 75.8109, 73.8337,
102.0044

■ 18.7921, 17.4675,
27.7024

■ 98.9782, 97.0396,
131.4101

■ 11.6233, 10.5684,
17.8644

126.4414,
124.6600, 165.9848

■ 6.5581, 5.7774,
10.6842

158.5656,
157.0793, 206.1473

■ 3.2311, 2.7102,
5.7434

195.7163,
194.6820, 252.3160

■ 1.2771, 0.9824,
2.6235

238.2588,

■ 0.1660, 0.0000,

237.8524, 304.9094

0.9045

286.5586,
286.9749, 364.3462

■ 0.0000, 0.0000,
0.0000

■ 40.9021, 39.1279,
57.0264

■ 40.9021, 39.1279,
57.0264

■ 35.4010, 31.5829,
55.8606

■ 47.1271, 47.8388,
58.3803

■ 30.5915, 25.1478,
54.8720

■ 54.0995, 57.7587,
59.9275

■ 26.4439, 19.7691,
54.0524

■ 61.8460, 68.9343,
61.6764

■ 22.9250, 15.3870,
53.3921

■ 70.3909, 81.4084,
63.6337

■ 19.9980, 11.9354,
52.8801

■ 78.3036, 92.3141,
65.3217

■ 17.6221, 9.3398,
52.5043

■ 81.8260, 94.1300,
65.4866

■ 15.7501, 7.5137,
52.2505

■ 85.5604, 96.0551,
65.6613

■ 14.3197, 6.3409,
52.0995

■ 86.8504, 96.7202,
65.7217

■ 13.9349, 6.0458,
52.0628

Harmonies

Analogous

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



38.0320, 39.1279, 61.2567



40.9021, 39.1279, 57.0264



42.8457, 39.1279, 49.0543

Triad

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



40.9021, 39.1279, 57.0264



39.3789, 39.1279, 28.9540



31.7379, 39.1279, 45.0425

Complementary

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



40.9021, 39.1279, 57.0264



44.8605, 51.3431, 41.7301

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.



32.0551, 39.1279, 36.7448



40.9021, 39.1279, 57.0264



36.3603, 39.1279, 28.1830

Square

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



40.9021, 39.1279, 57.0264



41.9336, 39.1279, 33.1147



33.7094, 39.1279, 30.8441



32.8181, 39.1279, 53.7515

Rectangle

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



40.9021, 39.1279, 57.0264



43.2971, 39.1279, 43.1040



33.7094, 39.1279, 30.8441



31.6858, 39.1279, 42.1072

Sweetspot

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



40.9033, 39.1296, 57.0273



86.6049, 88.7897, 105.0433



41.1036, 44.3260, 58.0197



18.7771, 19.1774, 22.9619



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.



40.9033, 39.1296, 57.0273



69.7760, 65.2720, 101.3909



44.8534, 41.1659, 57.2121



9.9534, 9.9671, 12.6841



9.1512, 3.9780, 33.8421



0.4747, 0.2128, 1.4659

Inverse Universe

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



43.6655, 40.7397, 48.7440



75.6322, 68.6871, 83.7682



41.2758, 49.4952, 41.5624



10.2979, 10.1677, 11.6590



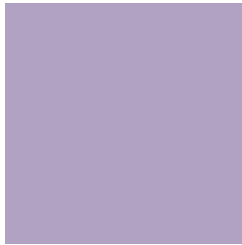
16.3738, 8.2393, 9.8803



0.7419, 0.3698, 0.6081

Previews

White Background



This preview shows how the XYZ color 40.9021, 39.1279, 57.0264 looks on a white background.

Color Contrast Check

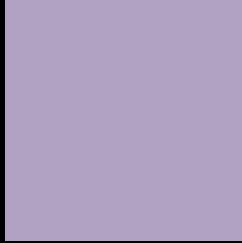
Large Text (above 18pt) WCAG AA × Fail

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 40.9021, 39.1279, 57.0264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

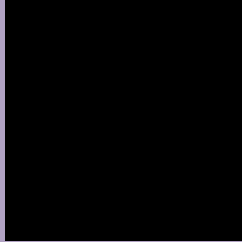
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.9021, 39.1279, 57.0264

Background



This preview shows how black text looks on a background with the XYZ color 40.9021, 39.1279, 57.0264.



This preview shows how white text looks on a background with the XYZ color 40.9021, 39.1279,

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

40.9021, 39.1279, 57.0264

Protanopia

38.9121, 39.3960, 58.9794

Deuteranopia

40.1390, 39.2617, 57.0925



Tritanopia

38.9466, 39.1233, 47.6183

Trichromacy



Original Color

40.9021, 39.1279, 57.0264

Protanomaly

39.4695, 39.1570, 58.3011

Deuteranomaly

40.4031, 39.1332, 57.0537

Tritanomaly

39.6064, 39.1256, 50.8119

Monochromacy



Original Color

40.9021, 39.1279, 57.0264

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.1890, 39.7763, 48.2599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9021, 39.1279, 57.0264 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(177, 162, 195)` looks like.

```
.text, #text, p{  
    color:rgb(177, 162, 195)  
}
```

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(177, 162, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 162, 195) }
```

Border

The CSS property to change the border of an element to XYZ 40.9021, 39.1279, 57.0264 is called "border". The border property can be set on classes, ids or directly on the HTML element.

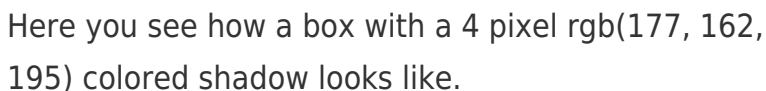
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 162, 195) }
```


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

```
.border{ border-color:rgb(177, 162, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 162, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 162, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 162, 195);  
box-shadow:4px 4px 4px 4px rgb(177, 162,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9021, 39.1279, 57.0264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 162, 195) }
```

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

```
.background{ background-color: rgb(177,  
162, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor