

Converting Colors

XYZ(39.1479, 40.7375, 66.7726)

Have a look what the booklet for
XYZ(39.1479, 40.7375, 66.7726)
contains.

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Color

**XYZ(39.1479, 40.7375,
66.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	97ACD2
RGB	151, 172, 210
RGB Percent	59%, 67%, 82%
CMY	0.4078, 0.3255, 0.1765
CMYK	0.28, 0.18, 0.00, 0.18
HSL	219°, 40%, 71%
HSV	219°, 28%, 82%
XYZ	39.1479, 40.7375, 66.7726
YIQ	170.0530, -24.7140, 7.3660

Conversions

Conversions Part 2

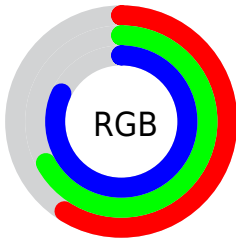
Format	Color
RYB	151, 166, 210
Decimal	9940178
CIELab	69.99, 1.36, -21.66
CIElCh	70, 21.701, 273.596
Yxy	40.7375, 0.2669, 0.2778
Android (android.graphics.Color)	4288130258 (0xFF97ACD2)
YUV	170.0530, 19.6939, -16.7095
Hunter-Lab	63.8259, -2.2117, -17.3491

Details

The XYZ color **39.1479, 40.7375, 66.7726** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.3625, 52.3317, 36.7260**, and the grayscale version is **38.1497, 40.1365, 43.7086**.

A 20% lighter version of the original color is **70.9727, 75.2800, 105.3976**, and **17.7785, 18.4521, 33.6349** is the 20% darker color. If you saturate the color by 10%, you get **33.1479, 34.0165, 65.7922**, and if you desaturate by 10%, it is **46.1066, 48.3436, 67.8747**.

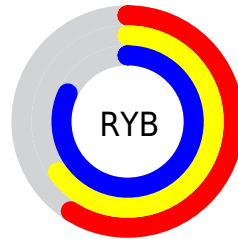
Distribution



Red (59%)

Green (67%)

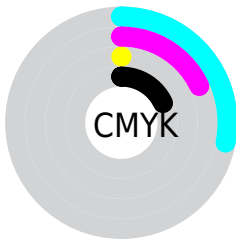
Blue (82%)



Red (59%)

Yellow (65%)

Blue (82%)

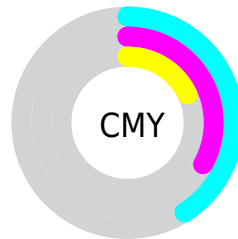


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (41%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1479, 40.7375, 66.7726 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 39.1479, 40.7375, 66.7726 by changing the saturation by 10% instead.

■ 39.1479, 40.7375,
66.7726

■ 39.1479, 40.7375,
66.7726

333.7152,
349.2223, 467.6143

■ 27.0560, 28.1140,
48.4394

■ 73.1568, 76.2853,
116.2321

■ 17.7521, 18.4116,
33.8125

■ 95.8046, 99.9783,
148.1954

■ 10.8708, 11.2459,
22.4734

122.7018,
128.1300, 185.5392

■ 6.0467, 6.2325,
14.0035

154.2136,
161.1248, 228.6821

■ 2.9144, 2.9870,
7.9844

190.7055,
199.3470, 278.0425

■ 1.1087, 1.1249,
3.9973

232.5429,

■ 0.0323, 0.0000,

243.1811, 334.0389

1.6239

280.0910,
293.0114, 397.0901

■ 0.0000, 0.0000,
0.3078

■ 0.0000, 0.0000,
0.0000

■ 39.1479, 40.7375,
66.7726

■ 39.1479, 40.7375,
66.7726

■ 33.1479, 34.0165,
65.7922

■ 46.1066, 48.3436,
67.8747

■ 28.0582, 28.1411,
64.9264

■ 54.0618, 56.8626,
69.0997

■ 23.8317, 23.0759,
64.1715

■ 63.0539, 66.3266,
70.4525

■ 20.4149, 18.7806,
63.5225

■ 73.1196, 76.7651,
71.9368

■ 17.7483, 15.2110,
62.9741

■ 83.9239, 88.0150,
73.5388

■ 15.7625, 12.3169,
62.5201

■ 88.0469, 96.2610,
74.9131

■ 14.3600, 10.0328,
62.1531

■ 88.6330, 97.4332,
75.1085

■ 14.1322, 9.6515,
62.0916

Harmonies

Analogous

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



35.7735, 40.7375, 64.1883



39.1479, 40.7375, 66.7726



42.6061, 40.7375, 62.6380

Triad

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



39.1479, 40.7375, 66.7726



44.6653, 40.7375, 34.4283



32.9423, 40.7375, 36.2464

Complementary

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



39.1479, 40.7375, 66.7726



50.3625, 52.3317, 36.7260

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.



35.0773, 40.7375, 30.0303



39.1479, 40.7375, 66.7726



41.8235, 40.7375, 29.0982

Square

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



39.1479, 40.7375, 66.7726



45.9115, 40.7375, 43.1458



38.2948, 40.7375, 27.6190



32.3213, 40.7375, 45.5891

Rectangle

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



39.1479, 40.7375, 66.7726



44.4554, 40.7375, 56.9484



38.2948, 40.7375, 27.6190



33.5000, 40.7375, 33.7722

Sweetspot

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



39.1492, 40.7391, 66.7735



83.8899, 88.2360, 107.2175



44.9268, 56.3201, 56.2884



17.5320, 18.4357, 22.8844



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.



39.1492, 40.7391, 66.7735



54.7229, 56.4988, 102.6289



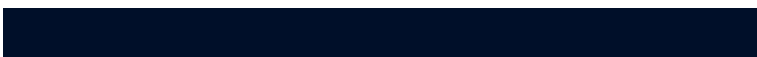
36.9722, 34.1449, 65.6155



11.5031, 12.0965, 14.9722



8.7068, 6.0603, 37.9033



0.5609, 0.4870, 2.1440

Inverse Universe

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



45.0924, 38.8146, 44.1468



65.6256, 53.5072, 61.0000



53.0266, 60.9035, 38.2401



11.9801, 11.8768, 13.1709



17.0255, 8.6831, 5.0407



0.9894, 0.5005, 0.4788

Previews

White Background



This preview shows how the XYZ color 39.1479, 40.7375, 66.7726 looks on a white background.

Color Contrast Check

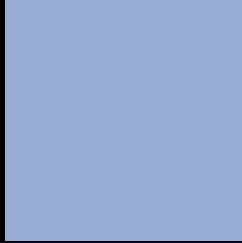
Large Text (above 18pt) WCAG AA × Fail

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 39.1479, 40.7375, 66.7726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

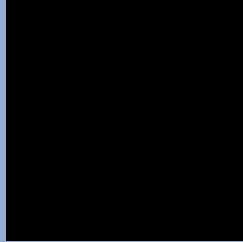
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1479, 40.7375, 66.7726

Background



This preview shows how black text looks on a background with the XYZ color 39.1479, 40.7375, 66.7726.



This preview shows how white text looks on a background with the XYZ color 39.1479, 40.7375,

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

39.1479, 40.7375, 66.7726

Protanopia

40.4734, 40.6114, 65.3801

Deuteranopia

41.5129, 40.5561, 67.2682



Tritanopia

36.8522, 40.9714, 54.6812

Trichromacy



Original Color

39.1479, 40.7375, 66.7726

Protanomaly

39.9839, 40.6220, 66.0551

Deuteranomaly

40.6438, 40.6561, 67.3333

Tritanomaly

37.6208, 40.9871, 58.7518

Monochromacy



Original Color

39.1479, 40.7375, 66.7726

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.4241, 40.4151, 51.6747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1479, 40.7375, 66.7726 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(151, 172, 210)` looks like.

```
.text, #text, p{  
    color:rgb(151, 172, 210)  
}
```

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(151, 172, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 172, 210) }
```

Border

The CSS property to change the border of an element to XYZ 39.1479, 40.7375, 66.7726 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(151, 172, 210) }
```


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

```
.border{ border-color:rgb(151, 172, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 172, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 172, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 172, 210);  
box-shadow:4px 4px 4px 4px rgb(151, 172,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1479, 40.7375, 66.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 172, 210) }
```

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

```
.background{ background-color: rgb(151,  
172, 210) }
```

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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