

Converting Colors

XYZ(39.0623, 39.6473, 71.2001)

Have a look what the booklet for
XYZ(39.0623, 39.6473, 71.2001)
contains.

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Color

**XYZ(39.1068, 39.7752,
71.2619)**

Conversions

Conversions Part 1

Format	Color
Hex	95A9D9
RGB	149, 169, 217
RGB Percent	58%, 66%, 85%
CMY	0.4157, 0.3372, 0.1490
CMYK	0.31, 0.22, 0.00, 0.15
HSL	222°, 47%, 72%
HSV	222°, 31%, 85%
XYZ	39.1068, 39.7752, 71.2619
YIQ	168.4920, -27.3280, 10.6880

Conversions

Conversions Part 2

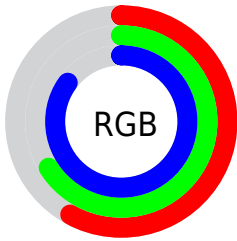
Format	Color
RYB	149, 164, 217
Decimal	9808345
CIELab	69.31, 4.17, -26.56
CIElCh	69, 26.886, 278.928
Yxy	39.7752, 0.2605, 0.2649
Android (android.graphics.Color)	4287998425 (0xFF95A9D9)
YUV	168.4920, 23.9144, -17.0945
Hunter-Lab	63.0676, 0.3156, -22.8462

Details

The XYZ color **39.1068, 39.7752, 71.2619** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.0072, 56.8550, 36.5628**, and the grayscale version is **37.3580, 39.3035, 42.8015**.

A 20% lighter version of the original color is **69.6075, 73.3687, 105.1006**, and **17.7067, 17.8180, 36.6884** is the 20% darker color. If you saturate the color by 10%, you get **32.8259, 32.5527, 70.1995**, and if you desaturate by 10%, it is **46.4618, 48.0488, 72.4719**.

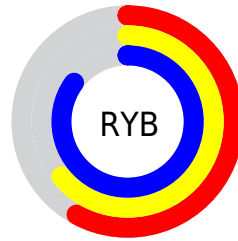
Distribution



Red (58%)

Green (66%)

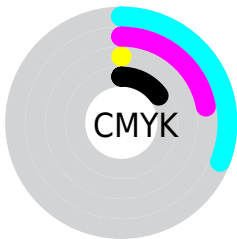
Blue (85%)



Red (58%)

Yellow (64%)

Blue (85%)

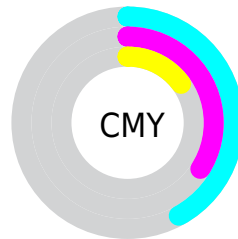


Cyan (31%)

Magenta (22%)

Yellow (0%)

Black (15%)



Cyan (42%)

Magenta (34%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1068, 39.7752, 71.2619 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 39.1068, 39.7752, 71.2619 by changing the saturation by 10% instead.

■ 39.1068, 39.7752,
71.2619

■ 39.1068, 39.7752,
71.2619

333.5437,
345.1752, 483.8768

■ 27.0239, 27.3633,
52.0728

■ 73.0945, 74.8211,
122.7045

■ 17.7279, 17.8463,
36.6805

■ 95.7300, 98.2239,
155.7951

■ 10.8533, 10.8397,
24.6663

122.6137,
126.0591, 194.3566

■ 6.0348, 5.9591,
15.6119

154.1111,
158.7111, 238.8076

■ 2.9071, 2.8202,
9.0986

190.5874,
196.5643, 289.5665

■ 1.1048, 1.0386,
4.7078

232.4080,

■ 0.0292, 0.0000,

240.0031, 347.0520

2.0212

279.9384,
289.4119, 411.6826

■ 0.0000, 0.0000,
0.5682

■ 0.0000, 0.0000,
0.0000

■ 39.1068, 39.7752,
71.2619

■ 39.1068, 39.7752,
71.2619

■ 32.8259, 32.5527,
70.1995

■ 46.4618, 48.0488,
72.4719

■ 27.5627, 26.3324,
69.2763

■ 54.9357, 57.4102,
73.8322

■ 23.2612, 21.0685,
68.4870

■ 64.5756, 67.9000,
75.3489

■ 19.8583, 16.7093,
67.8249

■ 75.4245, 79.5551,
77.0267

■ 17.2825, 13.1975,
67.2828

■ 86.5960, 91.9329,
78.8271

■ 15.4499, 10.4677,
66.8525

■ 89.5245, 97.7898,
79.8032

■ 14.3481, 8.6569,
66.5611

Harmonies

Analogous

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



34.9013, 39.7752, 69.4649



39.1068, 39.7752, 71.2619



43.2589, 39.7752, 64.5357

Triad

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



39.1068, 39.7752, 71.2619



44.6302, 39.7752, 30.0339



30.5830, 39.7752, 35.3185

Complementary

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



39.1068, 39.7752, 71.2619



54.0072, 56.8550, 36.5628

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.



32.8302, 39.7752, 27.3356



39.1068, 39.7752, 71.2619



40.8657, 39.7752, 24.7122

Square

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



39.1068, 39.7752, 71.2619



46.6033, 39.7752, 39.7261



36.5327, 39.7752, 23.8284



30.1905, 39.7752, 47.0999

Rectangle

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



39.1068, 39.7752, 71.2619



45.3621, 39.7752, 56.7585



36.5327, 39.7752, 23.8284



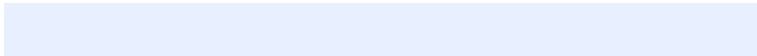
31.1378, 39.7752, 32.1711

Sweetspot

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



39.1081, 39.7768, 71.2628



82.1530, 86.0002, 106.8775



47.2406, 60.0291, 61.6813



17.1662, 17.9505, 22.8100



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.



39.1081, 39.7768, 71.2628



49.8559, 49.8706, 101.6060



38.2956, 34.2504, 70.2390



12.6492, 13.2382, 16.5407



8.7655, 5.4004, 40.3188



0.6416, 0.4973, 2.6366

Inverse Universe

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



46.5253, 39.1125, 42.6349



62.4108, 49.3186, 53.0198



54.9763, 64.5492, 37.9969



13.2128, 13.1142, 14.3819



17.9197, 9.1689, 3.9574



1.1981, 0.6089, 0.4523

Previews

White Background



This preview shows how the XYZ color 39.1068, 39.7752, 71.2619 looks on a white background.

Color Contrast Check

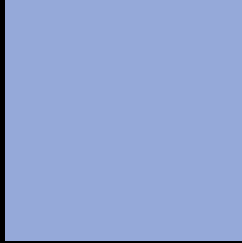
Large Text (above 18pt) WCAG AA × Fail

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 39.1068, 39.7752, 71.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

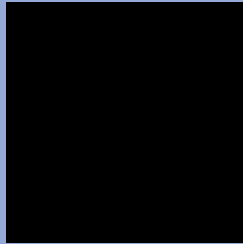
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1068, 39.7752, 71.2619

Background



This preview shows how black text looks on a background with the XYZ color 39.1068, 39.7752, 71.2619.



This preview shows how white text looks on a background with the XYZ color 39.1068, 39.7752,

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

39.1068, 39.7752, 71.2619

Protanopia

40.1180, 39.7634, 70.5264

Deuteranopia

40.5892, 39.7053, 71.8543



Tritanopia

35.5408, 39.7426, 53.3748

Trichromacy



Original Color

39.1068, 39.7752, 71.2619

Protanomaly

39.7237, 39.8332, 70.5606

Deuteranomaly

39.9912, 39.6680, 71.8786

Tritanomaly

36.7384, 39.6483, 59.7494

Monochromacy



Original Color

39.1068, 39.7752, 71.2619

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.5635, 39.1275, 52.0269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1068, 39.7752, 71.2619 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(149, 169, 217)` looks like.

```
.text, #text, p{  
    color:rgb(149, 169, 217)  
}
```

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(149, 169, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 169, 217) }
```

Border

The CSS property to change the border of an element to XYZ 39.1068, 39.7752, 71.2619 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(149, 169, 217) }
```


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

```
.border{ border-color:rgb(149, 169, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 169, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 169, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 169, 217);  
box-shadow:4px 4px 4px 4px rgb(149, 169,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1068, 39.7752, 71.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 169, 217) }
```

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

```
.background{ background-color: rgb(149,  
169, 217) }
```

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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