

Converting Colors

XYZ(39.1975, 40.8749, 69.1642)

Have a look what the booklet for
XYZ(39.1975, 40.8749, 69.1642)
contains.

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Color

**XYZ(39.2939, 41.0381,
69.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	94ADD6
RGB	148, 173, 214
RGB Percent	58%, 68%, 84%
CMY	0.4196, 0.3216, 0.1608
CMYK	0.31, 0.19, 0.00, 0.16
HSL	217°, 45%, 71%
HSV	217°, 31%, 84%
XYZ	39.2939, 41.0381, 69.4685
YIQ	170.1990, -28.0610, 7.4510

Conversions

Conversions Part 2

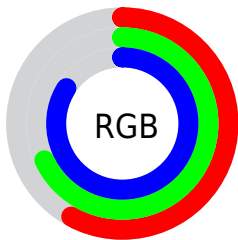
Format	Color
R _{YB}	148, 166, 214
Decimal	9743830
CIE _{Lab}	70.20, 0.91, -23.55
CIE _{LCh}	70, 23.569, 272.221
Yxy	41.0381, 0.2623, 0.2740
Android (android.graphics.Color)	4287933910 (0xFF94ADD6)
YUV	170.1990, 21.5939, -19.4685
Hunter-Lab	64.0610, -2.6179, -19.4521

Details

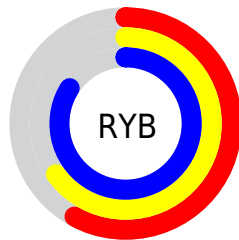
The XYZ color **39.2939, 41.0381, 69.4685** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.2751, 52.8299, 35.5128**, and the grayscale version is **38.2145, 40.2046, 43.7828**.

A 20% lighter version of the original color is **70.4220, 75.4033, 105.4504**, and **17.8147, 18.6108, 35.4542** is the 20% darker color. If you saturate the color by 10%, you get **33.3516, 34.3778, 68.4968**, and if you desaturate by 10%, it is **46.2081, 48.5778, 70.5601**.

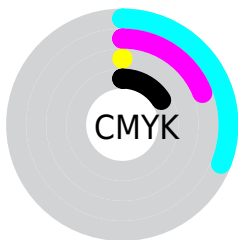
Distribution



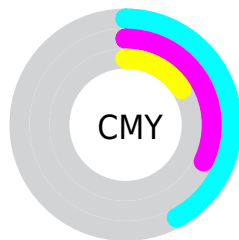
- Red (58%)
- Green (68%)
- Blue (84%)



- Red (58%)
- Yellow (65%)
- Blue (84%)



- Cyan (31%)
- Magenta (19%)
- Yellow (0%)
- Black (16%)



- Cyan (42%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2939, 41.0381, 69.4685 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 39.2939, 41.0381, 69.4685 by changing the saturation by 10% instead.

■ 39.2939, 41.0381,
69.4685

■ 39.2939, 41.0381,
69.4685

334.3241,
350.4798, 477.4202

■ 27.1702, 28.3489,
50.6192

■ 73.3783, 76.7417,
120.1245

■ 17.8383, 18.5888,
35.5310

■ 96.0697, 100.5249,
152.7683

■ 10.9330, 11.3735,
23.7854

123.0143,
128.7748, 190.8473

■ 6.0887, 6.3187,
14.9638

154.5776,
161.8759, 234.7801

■ 2.9403, 3.0398,
8.6476

191.1249,
200.2126, 284.9853

■ 1.1223, 1.1525,
4.4184

233.0215,

■ 0.0436, 0.0224,

244.1692, 341.8814

1.8576

280.6328,
294.1301, 405.8868

■ 0.0000, 0.0000,
0.4655

■ 0.0000, 0.0000,
0.0000

■ 39.2939, 41.0381,
69.4685

■ 39.2939, 41.0381,
69.4685

■ 33.3516, 34.3778,
68.4968

■ 46.2081, 48.5778,
70.5601

■ 28.3304, 28.5570,
67.6379

■ 54.1337, 57.0251,
71.7729

■ 24.1806, 23.5395,
66.8882

■ 63.1129, 66.4126,
73.1116

■ 20.8456, 19.2841,
66.2426

■ 73.1840, 76.7699,
74.5799

■ 18.2617, 15.7453,
65.6957

■ 84.3824, 88.1245,
76.1814

■ 16.3538, 12.8709,
65.2415

■ 88.4289, 96.2174,
77.5302

■ 15.0850, 10.7496,
64.8989

■ 89.1377, 97.6351,
77.7665

Harmonies

Analogous

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



35.6475, 41.0381, 66.2532



39.2939, 41.0381, 69.4685



43.0984, 41.0381, 65.1875

Triad

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



39.2939, 41.0381, 69.4685



45.6278, 41.0381, 34.2806



32.8001, 41.0381, 35.4906

Complementary

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



39.2939, 41.0381, 69.4685



51.2751, 52.8299, 35.5128

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.



35.1802, 41.0381, 29.0047



39.2939, 41.0381, 69.4685



42.5680, 41.0381, 28.3913

Square

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



39.2939, 41.0381, 69.4685



46.9024, 41.0381, 43.8646



38.7185, 41.0381, 26.6302



32.0488, 41.0381, 45.5126

Rectangle

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



39.2939, 41.0381, 69.4685



45.1711, 41.0381, 59.0120



38.7185, 41.0381, 26.6302



33.4281, 41.0381, 32.8852

Sweetspot

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



39.2952, 41.0397, 69.4695



82.7244, 87.1431, 107.0680



45.4131, 58.0510, 56.7860



17.3064, 18.2309, 22.8567



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.



39.2952, 41.0397, 69.4695



52.5056, 54.4170, 102.3439



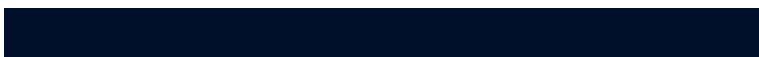
36.3809, 33.0741, 68.0855



12.1243, 12.7720, 15.7637



9.2106, 6.6830, 39.2577



0.6341, 0.5602, 2.3940

Inverse Universe

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



45.8654, 38.4943, 44.5497



63.9321, 50.6309, 58.8610



54.9297, 63.3969, 37.3598



12.6159, 12.4979, 13.9177



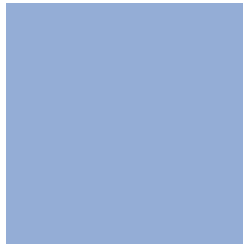
17.7079, 9.0195, 5.7661



1.1077, 0.5599, 0.5566

Previews

White Background



This preview shows how the XYZ color 39.2939, 41.0381, 69.4685 looks on a white background.

Color Contrast Check

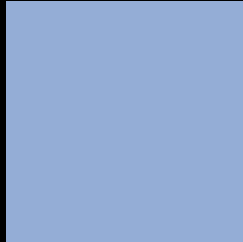
Large Text (above 18pt) WCAG AA × Fail

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 39.2939, 41.0381, 69.4685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

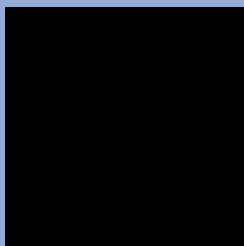
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2939, 41.0381, 69.4685

Background



This preview shows how black text looks on a background with the XYZ color 39.2939, 41.0381, 69.4685.



This preview shows how white text looks on a background with the XYZ color 39.2939, 41.0381,

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

39.2939, 41.0381, 69.4685

Protanopia

40.9563, 41.0800, 68.0580

Deuteranopia

41.7854, 40.9109, 69.9842



Tritanopia

36.4538, 41.0455, 55.2915

Trichromacy



Original Color

39.2939, 41.0381, 69.4685

Protanomaly

40.2835, 40.9978, 68.7410

Deuteranomaly

40.9385, 41.0267, 70.0512

Tritanomaly

37.5112, 41.1939, 60.0070

Monochromacy



Original Color

39.2939, 41.0381, 69.4685

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.3261, 40.3524, 52.2232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2939, 41.0381, 69.4685 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(148, 173, 214)` looks like.

```
.text, #text, p{  
    color:rgb(148, 173, 214)  
}
```

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(148, 173, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 173, 214) }
```

Border

The CSS property to change the border of an element to XYZ 39.2939, 41.0381, 69.4685 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(148, 173, 214) }
```


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

```
.border{ border-color:rgb(148, 173, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 173, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 173, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 173, 214);  
box-shadow:4px 4px 4px 4px rgb(148, 173,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2939, 41.0381, 69.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 173, 214) }
```

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

```
.background{ background-color: rgb(148,  
173, 214) }
```

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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