

Converting Colors

XYZ(39.0267, 41.6117, 67.2859)

Have a look what the booklet for
XYZ(39.0267, 41.6117, 67.2859)
contains.

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Color

**XYZ(38.9419, 41.4741,
67.5809)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 92AFD3 |
| RGB | 146, 175, 211 |
| RGB Percent | 57%, 69%, 83% |
| CMY | 0.4274, 0.3137, 0.1725 |
| CMYK | 0.31, 0.17, 0.00, 0.17 |
| HSL | 213°, 42%, 70% |
| HSV | 213°, 31%, 83% |
| XYZ | 38.9419, 41.4741, 67.5809 |
| YIQ | 170.4330, -28.8400, 5.0480 |

Conversions

Conversions Part 2

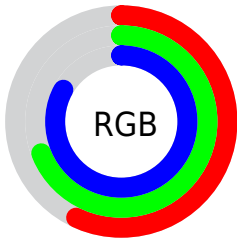
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 146, 166, 211 |
| Decimal | 9613267 |
| CIE Lab | 70.51, -1.51, -21.45 |
| CIE LCh | 71, 21.506, 265.965 |
| Yxy | 41.4741, 0.2631, 0.2802 |
| Android (android.graphics.Color) | 4287803347 (0xFF92AFD3) |
| YUV | 170.4330, 19.9995, -21.4277 |
| Hunter-Lab | 64.4004, -4.7645, -17.1379 |

Details

The XYZ color **38.9419, 41.4741, 67.5809** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.7809, 49.3806, 34.1557**, and the grayscale version is **38.3392, 40.3358, 43.9257**.

A 20% lighter version of the original color is **70.4342, 76.2311, 105.6095**, and **17.5979, 18.8934, 34.1718** is the 20% darker color. If you saturate the color by 10%, you get **33.3549, 35.3632, 66.6966**, and if you desaturate by 10%, it is **45.4206, 48.3388, 68.5652**.

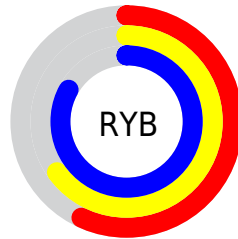
Distribution



Red (57%)

Green (69%)

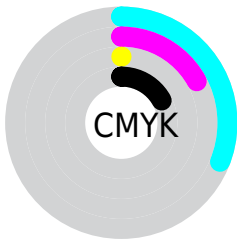
Blue (83%)



Red (57%)

Yellow (65%)

Blue (83%)

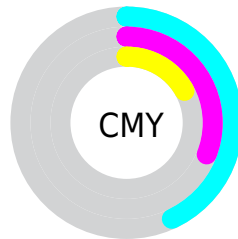


Cyan (31%)

Magenta (17%)

Yellow (0%)

Black (17%)



Cyan (43%)

Magenta (31%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9419, 41.4741, 67.5809 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 38.9419, 41.4741, 67.5809 by changing the saturation by 10% instead.

■ 38.9419, 41.4741,
67.5809

■ 38.9419, 41.4741,
67.5809

332.8548,
352.2982, 470.5674

■ 26.8951, 28.6897,
49.0923

■ 72.8442, 77.4031,
117.4009

■ 17.6306, 18.8462,
34.3266

■ 95.4303, 101.3165,
149.5694

■ 10.7832, 11.5592,
22.8652

122.2603,
129.7083, 187.1350

■ 5.9874, 6.4443,
14.2896

153.6995,
162.9630, 230.5161

■ 2.8780, 3.1171,
8.1813

190.1131,
201.4649, 280.1314

■ 1.0896, 1.1932,
4.1218

231.8667,

■ 0.0164, 0.0561,

245.5985, 336.3993

1.6924

279.3255,
295.7482, 399.7385

■ 0.0000, 0.0000,
0.3555

■ 0.0000, 0.0000,
0.0000

■ 38.9419, 41.4741,
67.5809

■ 38.9419, 41.4741,
67.5809

■ 33.3549, 35.3632,
66.6966

■ 45.4206, 48.3388,
68.5652

■ 28.6126, 29.9716,
65.9058

■ 52.8270, 55.9802,
69.6497

■ 24.6693, 25.2691,
65.2060

■ 61.2000, 64.4260,
70.8386

■ 21.4729, 21.2209,
64.5931

■ 70.5747, 73.7010,
72.1348

■ 18.9646, 17.7881,
64.0627

■ 80.9847, 83.8290,
73.5410

■ 17.0747, 14.9262,
63.6099

■ 85.6862, 91.3395,
74.7429

■ 15.7735, 12.7341,
63.2554

■ 88.7580, 97.4832,
75.7669

Harmonies

Analogous

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



35.7243, 41.4741, 63.3574



38.9419, 41.4741, 67.5809



42.4822, 41.4741, 65.0956

Triad

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



38.9419, 41.4741, 67.5809



45.8756, 41.4741, 37.1343



34.0334, 41.4741, 35.0837

Complementary

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



38.9419, 41.4741, 67.5809



48.7809, 49.3806, 34.1557

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.



36.5084, 41.4741, 29.7743



38.9419, 41.4741, 67.5809



43.3620, 41.4741, 30.8277

Square

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



38.9419, 41.4741, 67.5809



46.6227, 41.4741, 46.5467



39.9018, 41.4741, 28.3409



33.0000, 41.4741, 43.7977

Rectangle

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



38.9419, 41.4741, 67.5809



44.5296, 41.4741, 60.1426



39.9018, 41.4741, 28.3409



34.7169, 41.4741, 32.8956

Sweetspot

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



38.9432, 41.4757, 67.5819



83.1834, 88.0610, 107.2210



43.5670, 56.0675, 52.6475



17.4191, 18.4564, 22.8943



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.



38.9432, 41.4757, 67.5819



53.9736, 57.3530, 102.8333



34.4779, 31.6752, 65.9255



11.5917, 12.2736, 15.0018



9.6181, 7.8829, 38.2071



0.6164, 0.5980, 2.1625

Inverse Universe

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



44.8818, 37.5030, 45.4325



64.6731, 50.9273, 62.7630



54.4256, 62.0384, 36.3013



12.0248, 11.8947, 13.4064



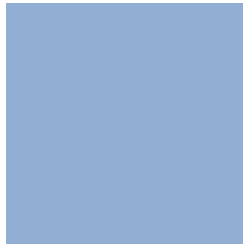
17.4855, 8.8670, 7.4629



1.0174, 0.5117, 0.6262

Previews

White Background



This preview shows how the XYZ color 38.9419, 41.4741, 67.5809 looks on a white background.

Color Contrast Check

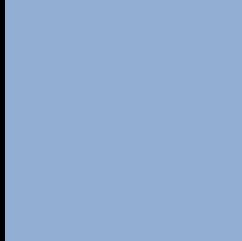
Large Text (above 18pt) WCAG AA × Fail

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 38.9419, 41.4741, 67.5809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

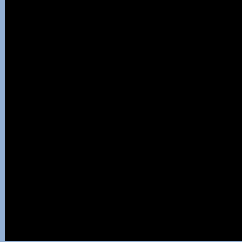
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

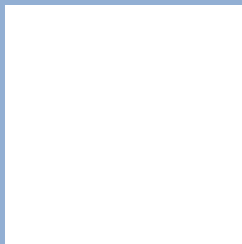
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9419, 41.4741, 67.5809

Background



This preview shows how black text looks on a background with the XYZ color 38.9419, 41.4741, 67.5809.

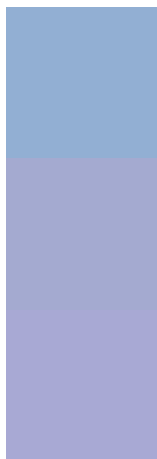


This preview shows how white text looks on a background with the XYZ color 38.9419, 41.4741,

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

38.9419, 41.4741, 67.5809

Protanopia

41.0697, 41.1960, 65.4615

Deuteranopia

42.2201, 41.4542, 68.0636



Tritanopia

36.5902, 41.3973, 55.9312

Trichromacy



Original Color

38.9419, 41.4741, 67.5809

Protanomaly

40.1658, 41.2766, 66.1718

Deuteranomaly

40.9438, 41.3529, 68.1113

Tritanomaly

37.3586, 41.4074, 60.0563

Monochromacy



Original Color

38.9419, 41.4741, 67.5809

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2074, 40.5849, 51.7189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9419, 41.4741, 67.5809 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(146, 175, 211)` looks like.

```
.text, #text, p{  
    color:rgb(146, 175, 211)  
}
```

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(146, 175, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 175, 211) }
```

Border

The CSS property to change the border of an element to XYZ 38.9419, 41.4741, 67.5809 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(146, 175, 211) }
```


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

```
.border{ border-color:rgb(146, 175, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 175, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 175, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 175, 211);  
box-shadow:4px 4px 4px 4px rgb(146, 175,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9419, 41.4741, 67.5809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 175, 211) }
```

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

```
.background{ background-color: rgb(146,  
175, 211) }
```

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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