

Converting Colors

XYZ(39.4295, 42.0176, 67.9694)

Have a look what the booklet for
XYZ(39.4295, 42.0176, 67.9694)
contains.

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Color

**XYZ(39.3158, 41.9569,
67.6543)**

Conversions

Conversions Part 1

Format	Color
Hex	93B0D3
RGB	147, 176, 211
RGB Percent	58%, 69%, 83%
CMY	0.4235, 0.3098, 0.1725
CMYK	0.30, 0.17, 0.00, 0.17
HSL	213°, 42%, 70%
HSV	213°, 30%, 83%
XYZ	39.3158, 41.9569, 67.6543
YIQ	171.3190, -28.5190, 4.7370

Conversions

Conversions Part 2

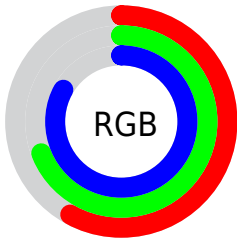
Format	Color
RYB	147, 167, 211
Decimal	9679059
CIELab	70.84, -1.77, -20.94
CIELCh	71, 21.012, 265.169
Yxy	41.9569, 0.2640, 0.2817
Android (android.graphics.Color)	4287869139 (0xFF93B0D3)
YUV	171.3190, 19.5627, -21.3278
Hunter-Lab	64.7741, -5.0111, -16.5844

Details

The XYZ color **39.3158, 41.9569, 67.6543** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **48.8589, 49.4116, 34.5671**, and the grayscale version is **38.7851, 40.8049, 44.4365**.

A 20% lighter version of the original color is **71.2637, 77.4898, 105.8088**, and **17.8245, 19.1953, 34.2181** is the 20% darker color. If you saturate the color by 10%, you get **33.7067, 35.8491, 66.7717**, and if you desaturate by 10%, it is **45.8139, 48.8104, 68.6354**.

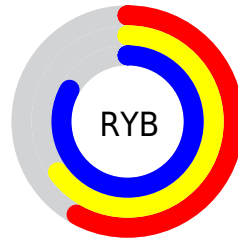
Distribution



Red (58%)

Green (69%)

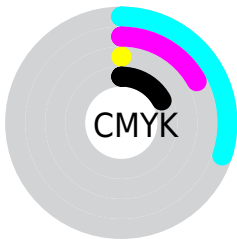
Blue (83%)



Red (58%)

Yellow (65%)

Blue (83%)

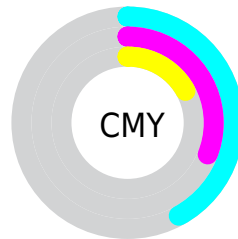


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (31%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3158, 41.9569, 67.6543 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 39.3158, 41.9569, 67.6543 by changing the saturation by 10% instead.

■ 39.3158, 41.9569,
67.6543

■ 39.3158, 41.9569,
67.6543

334.4154,
354.3042, 470.8350

■ 27.1873, 29.0675,
49.1516

■ 73.4115, 78.1344,
117.5070

■ 17.8513, 19.1319,
34.3733

■ 96.1094, 102.1913,
149.6941

■ 10.9423, 11.7656,
22.9009

123.0612,
130.7396, 187.2797

■ 6.0951, 6.5843,
14.3157

154.6322,
164.1635, 230.6824

■ 2.9442, 3.2035,
8.1993

191.1877,
202.8475, 280.3208

■ 1.1243, 1.2389,
4.1332

233.0932,

■ 0.0453, 0.0931,

247.1761, 336.6133

1.6987

280.7140,
297.5335, 399.9785

■ 0.0000, 0.0000,
0.3598

■ 0.0000, 0.0000,
0.0000

■ 39.3158, 41.9569,
67.6543

■ 39.3158, 41.9569,
67.6543

■ 33.7067, 35.8491,
66.7717

■ 45.8139, 48.8104,
68.6354

■ 28.9397, 30.4529,
65.9814

■ 53.2366, 56.4320,
69.7153

■ 24.9697, 25.7387,
65.2807

■ 61.6225, 64.8489,
70.8979

■ 21.7452, 21.6721,
64.6657

■ 71.0065, 74.0857,
72.1862

■ 19.2077, 18.2152,
64.1322

■ 81.4218, 84.1656,
73.5829

■ 17.2887, 15.3241,
63.6753

■ 85.7215, 91.4103,
74.7546

■ 15.9059, 12.9989,
63.2994

■ 88.7580, 97.4832,
75.7668

Harmonies

Analogous

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



36.1646, 41.9569, 63.3601



39.3158, 41.9569, 67.6543



42.8036, 41.9569, 65.3962

Triad

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



39.3158, 41.9569, 67.6543



46.2711, 41.9569, 37.9827



34.6163, 41.9569, 35.5554

Complementary

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



39.3158, 41.9569, 67.6543



48.8589, 49.4116, 34.5671

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.



37.0903, 41.9569, 30.3937



39.3158, 41.9569, 67.6543



43.8389, 41.9569, 31.6451

Square

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



39.3158, 41.9569, 67.6543



46.9521, 41.9569, 47.3231



40.4471, 41.9569, 29.0737



33.5541, 41.9569, 44.0830

Rectangle

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



39.3158, 41.9569, 67.6543



44.8337, 41.9569, 60.6301



40.4471, 41.9569, 29.0737



35.3031, 41.9569, 33.4211

Sweetspot

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



39.3171, 41.9586, 67.6553



83.2311, 88.1565, 107.2369



43.6820, 56.1341, 52.3215



17.4309, 18.4799, 22.8982



0.0000, 0.0000, 0.0000



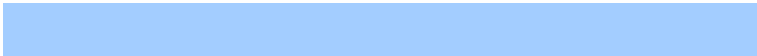
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.3171, 41.9586, 67.6553



54.9786, 58.5943, 103.0199



34.6114, 31.9738, 65.9760



11.5986, 12.2874, 15.0041



9.6986, 8.0439, 38.2339



0.6211, 0.6073, 2.1641

Inverse Universe

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



45.1352, 37.8520, 46.0034



65.3680, 51.9236, 64.2076



54.8183, 62.2317, 36.7275



12.0283, 11.8960, 13.4247



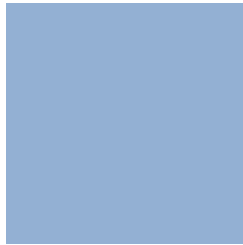
17.5262, 8.8833, 7.6769



1.0197, 0.5126, 0.6386

Previews

White Background



This preview shows how the XYZ color 39.3158, 41.9569, 67.6543 looks on a white background.

Color Contrast Check

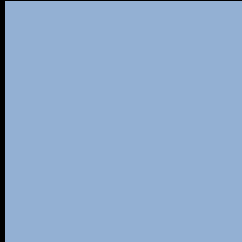
Large Text (above 18pt) WCAG AA × Fail

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 39.3158, 41.9569, 67.6543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

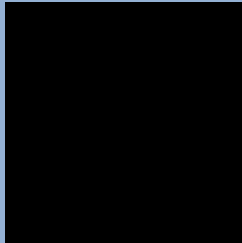
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3158, 41.9569, 67.6543

Background



This preview shows how black text looks on a background with the XYZ color 39.3158, 41.9569, 67.6543.

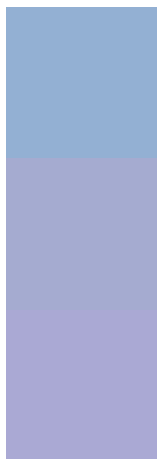


This preview shows how white text looks on a background with the XYZ color 39.3158, 41.9569,

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

39.3158, 41.9569, 67.6543

Protanopia

41.4651, 41.6792, 65.5340

Deuteranopia

42.6492, 41.6754, 68.0837



Tritanopia

37.0734, 41.9301, 56.5914

Trichromacy



Original Color

39.3158, 41.9569, 67.6543

Protanomaly

40.5527, 41.7597, 66.2447

Deuteranomaly

41.5365, 41.9399, 68.1934

Tritanomaly

37.8473, 41.9402, 60.7441

Monochromacy



Original Color

39.3158, 41.9569, 67.6543

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.7068, 41.1137, 52.3500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3158, 41.9569, 67.6543 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(147, 176, 211)` looks like.

```
.text, #text, p{  
    color:rgb(147, 176, 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(147, 176, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 176, 211) }
```

Border

The CSS property to change the border of an element to XYZ 39.3158, 41.9569, 67.6543 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(147, 176, 211) }
```


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

```
.border{ border-color:rgb(147, 176, 211) }
```

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

Here you see how a box with a 4 pixel rgb(147, 176, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 176, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 176, 211);  
box-shadow:4px 4px 4px 4px rgb(147, 176,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3158, 41.9569, 67.6543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 176, 211) }
```

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

```
.background{ background-color: rgb(147,  
176, 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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