

Converting Colors

XYZ(36.0182, 39.3443, 70.2903)

Have a look what the booklet for
XYZ(36.0182, 39.3443, 70.2903)
contains.

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Color

**XYZ(35.9617, 39.3055,
69.9813)**

Conversions

Conversions Part 1

Format	Color
Hex	7FADD7
RGB	127, 173, 215
RGB Percent	50%, 68%, 84%
CMY	0.5019, 0.3216, 0.1569
CMYK	0.41, 0.20, 0.00, 0.16
HSL	209°, 52%, 67%
HSV	209°, 41%, 84%
XYZ	35.9617, 39.3055, 69.9813
YIQ	164.0340, -40.8980, 3.3100

Conversions

Conversions Part 2

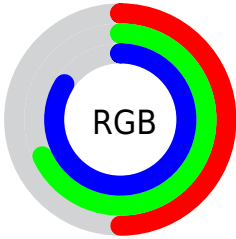
Format	Color
RYB	127, 157, 215
Decimal	8367575
CIELab	68.97, -4.62, -26.10
CIElCh	69, 26.502, 259.953
Yxy	39.3055, 0.2476, 0.2706
Android (android.graphics.Color)	4286557655 (0xFF7FADD7)
YUV	164.0340, 25.1262, -32.4788
Hunter-Lab	62.6941, -7.3260, -22.2957

Details

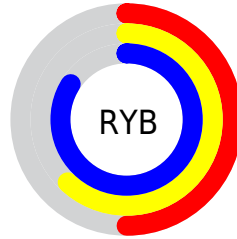
The XYZ color **35.9617, 39.3055, 69.9813** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **46.0439, 44.3561, 26.2147**, and the grayscale version is **35.2020, 37.0353, 40.3314**.

A 20% lighter version of the original color is **65.3218, 72.7741, 105.2117**, and **15.9302, 17.6293, 35.8209** is the 20% darker color. If you saturate the color by 10%, you get **31.2023, 34.0430, 69.2171**, and if you desaturate by 10%, it is **41.5580, 45.2255, 70.8297**.

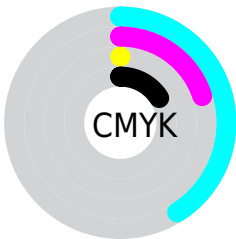
Distribution



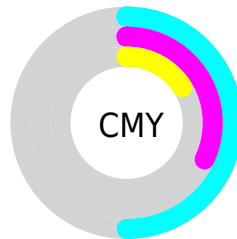
- Red (50%)
- Green (68%)
- Blue (84%)



- Red (50%)
- Yellow (62%)
- Blue (84%)



- Cyan (41%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



- Cyan (50%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9617, 39.3055, 69.9813 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 35.9617, 39.3055, 69.9813 by changing the saturation by 10% instead.

■ 35.9617, 39.3055,
69.9813

■ 35.9617, 39.3055,
69.9813

320.2273,
343.1876, 479.2717

■ 24.5746, 26.9975,
51.0346

■ 68.2972, 74.1048,
120.8630

■ 15.8874, 17.5713,
35.8592

■ 89.9763, 97.3648,
153.6350

■ 9.5349, 10.6427,
24.0366

■ 115.8168,
125.0443, 191.8525

■ 5.1516, 5.8271,
15.1484

146.1840,
157.5277, 235.9341

■ 2.3721, 2.7402,
8.7758

181.4433,
195.1993, 286.2982

■ 0.8312, 0.9977,
4.5004

221.9600,

■ 0.0000, 0.0000,

238.4436, 343.3635

1.9037

268.0996,
287.6449, 407.5485

■ 0.0000, 0.0000,
0.4951

■ 0.0000, 0.0000,
0.0000

■ 35.9617, 39.3055,
69.9813

■ 35.9617, 39.3055,
69.9813

■ 31.2023, 34.0430,
69.2171

■ 41.5580, 45.2255,
70.8297

■ 27.2288, 29.4042,
68.5311

■ 48.0306, 51.8255,
71.7625

■ 23.9899, 25.3582,
67.9209

■ 55.4209, 59.1326,
72.7834

■ 21.4261, 21.8691,
67.3825

■ 63.7663, 67.1705,
73.8950

■ 19.4668, 18.8947,
66.9117

■ 73.1022, 75.9619,
75.0999

■ 18.1031, 16.5807,
66.5369

■ 83.0913, 85.3373,
76.3830

■ 86.1073, 91.3693,
77.3884

■ 89.2659, 97.6863,
78.4412

Harmonies

Analogous

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



32.3800, 39.3055, 63.1519



35.9617, 39.3055, 69.9813



40.1950, 39.3055, 68.5505

Triad

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



35.9617, 39.3055, 69.9813



45.5117, 39.3055, 35.3507



31.4882, 39.3055, 29.5253

Complementary

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



35.9617, 39.3055, 69.9813



46.0439, 44.3561, 26.2147

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.



34.6591, 39.3055, 24.4676



35.9617, 39.3055, 69.9813



42.8232, 39.3055, 27.3662

Square

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



35.9617, 39.3055, 69.9813



45.9263, 39.3055, 46.9781



38.7914, 39.3055, 23.7596



29.9289, 39.3055, 38.8717

Rectangle

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



35.9617, 39.3055, 69.9813



42.8120, 39.3055, 63.1838



38.7914, 39.3055, 23.7596



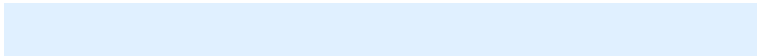
32.3893, 39.3055, 27.3479

Sweetspot

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



35.9630, 39.3070, 69.9822



80.1913, 85.6847, 106.9200



40.1280, 55.9434, 45.7627



16.8449, 18.0271, 22.8417



0.0000, 0.0000, 0.0000



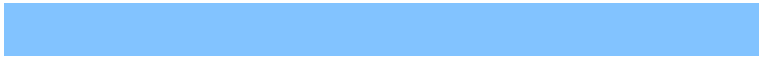
20.3446, 21.4041, 23.3091

Same Dimension

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



35.9630, 39.3070, 69.9822



46.8608, 51.1642, 102.0136



28.9931, 25.3671, 67.6589



12.2744, 13.0721, 15.8138



10.9346, 10.1310, 39.8323



0.7422, 0.7764, 2.4301

Inverse Universe

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



43.1576, 32.6442, 43.5631



59.1211, 41.1953, 56.6824



55.4161, 63.1005, 29.3388



12.6917, 12.5282, 14.3166



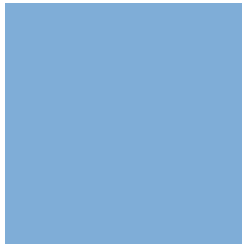
18.5781, 9.3676, 10.3485



1.1623, 0.5817, 0.8439

Previews

White Background



This preview shows how the XYZ color 35.9617, 39.3055, 69.9813 looks on a white background.

Color Contrast Check

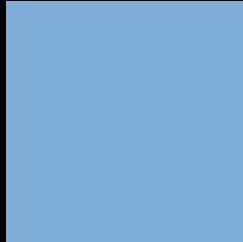
Large Text (above 18pt) WCAG AA × Fail

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 35.9617, 39.3055, 69.9813 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 35.9617, 39.3055, 69.9813

Background



This preview shows how black text looks on a background with the XYZ color 35.9617, 39.3055, 69.9813.



This preview shows how white text looks on a background with the XYZ color 35.9617, 39.3055,

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

35.9617, 39.3055, 69.9813

Protanopia

39.1737, 39.0937, 66.4539

Deuteranopia

40.0801, 39.1891, 71.0975



Tritanopia

33.0113, 39.2708, 55.1304

Trichromacy



Original Color

35.9617, 39.3055, 69.9813

Protanomaly

37.9257, 39.2404, 67.8626

Deuteranomaly

38.4299, 39.1662, 70.5001

Tritanomaly

34.1190, 39.4318, 60.4564

Monochromacy



Original Color

35.9617, 39.3055, 69.9813

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.1285, 37.6356, 50.2127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9617, 39.3055, 69.9813 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(127, 173, 215)` looks like.

```
.text, #text, p{  
    color:rgb(127, 173, 215)  
}
```

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(127, 173, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 173, 215) }
```

Border

The CSS property to change the border of an element to XYZ 35.9617, 39.3055, 69.9813 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(127, 173, 215) }
```


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

```
.border{ border-color:rgb(127, 173, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 173, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 173, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 173, 215);  
box-shadow:4px 4px 4px 4px rgb(127, 173,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9617, 39.3055, 69.9813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 173, 215) }
```

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

```
.background{ background-color: rgb(127,  
173, 215) }
```

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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