

Converting Colors

XYZ(39.0994, 44.9447, 79.2422)

Have a look what the booklet for
XYZ(39.0994, 44.9447, 79.2422)
contains.

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Color

**XYZ(39.1067, 44.9383,
79.2859)**

Conversions

Conversions Part 1

Format	Color
Hex	76BBE3
RGB	118, 187, 227
RGB Percent	46%, 73%, 89%
CMY	0.5372, 0.2667, 0.1098
CMYK	0.48, 0.18, 0.00, 0.11
HSL	202°, 66%, 68%
HSV	202°, 48%, 89%
XYZ	39.1067, 44.9383, 79.2859
YIQ	170.9290, -53.9640, -2.1880

Conversions

Conversions Part 2

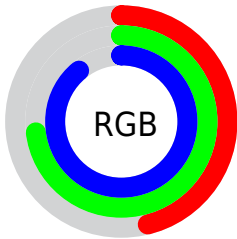
Format	Color
R _Y B	118, 160, 227
Decimal	7781347
CIE Lab	72.85, -11.10, -26.74
CIE LCh	73, 28.951, 247.465
Yxy	44.9383, 0.2394, 0.2751
Android (android.graphics.Color)	4285971427 (0xFF76BBE3)
YUV	170.9290, 27.6430, -46.4187
Hunter-Lab	67.0360, -13.1818, -23.1992

Details

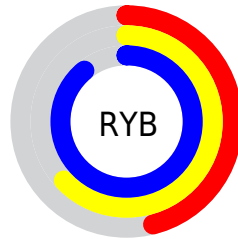
The XYZ color **39.1067, 44.9383, 79.2859** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **47.1766, 42.0940, 22.7796**, and the grayscale version is **38.5595, 40.5676, 44.1781**.

A 20% lighter version of the original color is **67.7798, 80.4351, 106.5609**, and **17.7751, 20.9586, 42.1383** is the 20% darker color. If you saturate the color by 10%, you get **34.6710, 40.1046, 78.5875**, and if you desaturate by 10%, it is **44.3896, 50.3628, 80.0553**.

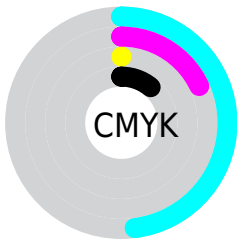
Distribution



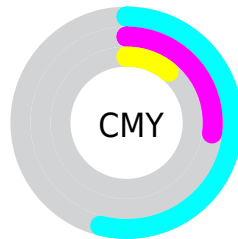
- Red (46%)
- Green (73%)
- Blue (89%)



- Red (46%)
- Yellow (63%)
- Blue (89%)



- Cyan (48%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (54%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1067, 44.9383, 79.2859 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 39.1067, 44.9383, 79.2859 by changing the saturation by 10% instead.

■ 39.1067, 44.9383,
79.2859

■ 39.1067, 44.9383,
79.2859

333.5433,
366.5236, 512.1662

■ 27.0238, 31.4088,
58.6082

■ 73.0943, 82.6278,
134.1636

■ 17.7278, 20.9104,
41.8799

■ 95.7298, 107.5567,
169.2007

■ 10.8532, 13.0585,
28.6824

■ 122.6135,
137.0541, 209.8612

■ 6.0348, 7.4688,
18.5972

154.1108,
171.5045, 256.5639

■ 2.9071, 3.7570,
11.2057

190.5871,
211.2922, 309.7272

■ 1.1048, 1.5386,
6.0895

232.4077,

■ 0.0292, 0.3157,

256.8017, 369.7697

2.8299

279.9380,
308.4174, 437.1098

■ 0.0000, 0.0000,
1.0084

■ 0.0000, 0.0000,
0.0000

■ 39.1067, 44.9383,
79.2859

■ 39.1067, 44.9383,
79.2859

■ 34.6710, 40.1046,
78.5875

■ 44.3896, 50.3628,
80.0553

■ 31.0221, 35.8253,
77.9538

■ 50.5656, 56.4014,
80.8954

■ 28.0985, 32.0669,
77.3825

■ 57.6825, 63.0823,
81.8098

■ 25.8259, 28.7884,
76.8694

■ 65.7831, 70.4297,
82.8011

■ 24.1010, 25.9337,
76.4094

■ 74.9074, 78.4667,
83.8715

■ 23.7930, 25.4016,
76.3229

■ 85.0933, 87.2151,
85.0232

■ 87.8530, 92.3014,
85.8595

■ 90.4345, 97.4645,
86.7200

■ 90.8653, 98.3261,
86.8636

Harmonies

Analogous

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



35.4762, 44.9383, 67.8184



39.1067, 44.9383, 79.2859



43.9833, 44.9383, 81.9122

Triad

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



39.1067, 44.9383, 79.2859



53.0547, 44.9383, 45.4139



37.0873, 44.9383, 30.0490

Complementary

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



39.1067, 44.9383, 79.2859



47.1766, 42.0940, 22.7796

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.



41.4664, 44.9383, 26.2564



39.1067, 44.9383, 79.2859



50.8714, 44.9383, 33.9214

Square

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



39.1067, 44.9383, 79.2859



52.2985, 44.9383, 60.3506



46.5334, 44.9383, 27.5196



34.3759, 44.9383, 39.0498

Rectangle

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



39.1067, 44.9383, 79.2859



47.3375, 44.9383, 77.9029



46.5334, 44.9383, 27.5196



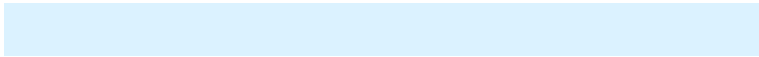
38.3990, 44.9383, 28.2124

Sweetspot

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



39.1082, 44.9400, 79.2870



79.0759, 85.7709, 106.9954



41.1103, 61.2583, 41.9916



16.4485, 17.9228, 22.8425



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.



39.1082, 44.9400, 79.2870



44.9481, 51.9974, 102.2752



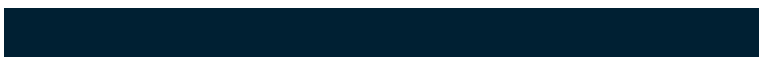
29.6616, 26.0468, 76.1381



14.3395, 15.4005, 18.3611



13.9909, 15.0439, 44.5495



1.1218, 1.2874, 3.3213

Inverse Universe

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



47.1279, 32.8771, 50.8775



57.0185, 36.0004, 59.0327



58.6100, 64.9607, 26.5907



14.7590, 14.5208, 16.9311



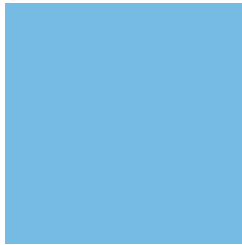
21.4555, 10.7164, 16.5593



1.6298, 0.8096, 1.4572

Previews

White Background



This preview shows how the XYZ color 39.1067, 44.9383, 79.2859 looks on a white background.

Color Contrast Check

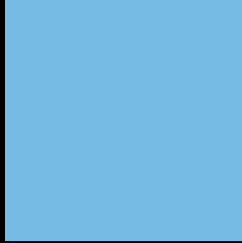
Large Text (above 18pt) WCAG AA × Fail

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 39.1067, 44.9383, 79.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

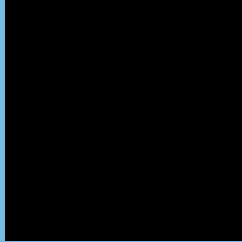
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1067, 44.9383, 79.2859

Background



This preview shows how black text looks on a background with the XYZ color 39.1067, 44.9383, 79.2859.



This preview shows how white text looks on a background with the XYZ color 39.1067, 44.9383,

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

39.1067, 44.9383, 79.2859

Protanopia

44.4600, 44.4900, 73.2620

Deuteranopia

45.7613, 44.6979, 81.0786



Tritanopia

36.3269, 45.0973, 65.1825

Trichromacy



Original Color

39.1067, 44.9383, 79.2859

Protanomaly

42.0838, 44.4005, 75.4593

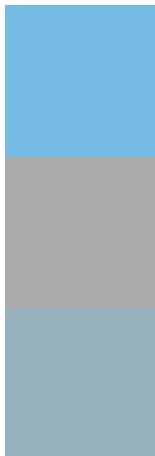
Deuteranomaly

42.8406, 44.3814, 80.4373

Tritanomaly

37.4905, 45.2594, 70.3783

Monochromacy



Original Color

39.1067, 44.9383, 79.2859

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.0750, 41.8813, 55.3673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1067, 44.9383, 79.2859 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(118, 187, 227)` looks like.

```
.text, #text, p{  
    color:rgb(118, 187, 227)  
}
```

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(118, 187, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 187, 227) }
```

Border

The CSS property to change the border of an element to XYZ 39.1067, 44.9383, 79.2859 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(118, 187, 227) }
```


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

```
.border{ border-color:rgb(118, 187, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 187, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 187, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 187, 227);  
box-shadow:4px 4px 4px 4px rgb(118, 187,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1067, 44.9383, 79.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 187, 227) }
```

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

```
.background{ background-color: rgb(118,  
187, 227) }
```

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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