

Converting Colors

XYZ(39.7282, 43.0573, 94.1039)

Have a look what the booklet for
XYZ(39.7282, 43.0573, 94.1039)
contains.

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Color

**XYZ(39.7428, 43.0781,
94.2159)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB5F7
RGB	110, 181, 247
RGB Percent	43%, 71%, 97%
CMY	0.5686, 0.2902, 0.0314
CMYK	0.55, 0.27, 0.00, 0.03
HSL	209°, 90%, 70%
HSV	209°, 55%, 97%
XYZ	39.7428, 43.0781, 94.2159
YIQ	167.2950, -63.5020, 5.4740

Conversions

Conversions Part 2

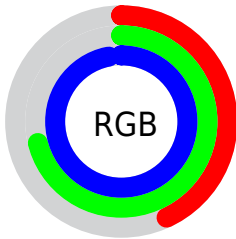
Format	Color
R _Y B	110, 157, 247
Decimal	7255543
CIE Lab	71.61, -3.73, -39.54
CIE LCh	72, 39.711, 264.609
Yxy	43.0781, 0.2245, 0.2433
Android (android.graphics.Color)	4285445623 (0xFF6EB5F7)
YUV	167.2950, 39.2946, -50.2477
Hunter-Lab	65.6339, -6.7736, -39.1656

Details

The XYZ color **39.7428, 43.0781, 94.2159** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **56.6995, 51.9532, 21.7935**, and the grayscale version is **36.7124, 38.6243, 42.0619**.

A 20% lighter version of the original color is **64.6964, 76.2234, 105.9105**, and **18.0097, 19.6696, 51.5626** is the 20% darker color. If you saturate the color by 10%, you get **34.7700, 37.0754, 93.3202**, and if you desaturate by 10%, it is **45.7816, 49.9387, 95.2227**.

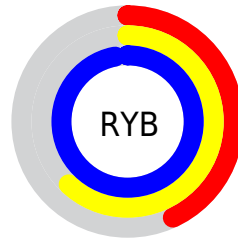
Distribution



Red (43%)

Green (71%)

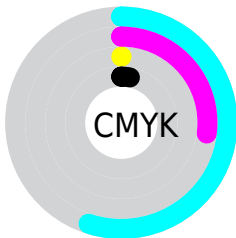
Blue (97%)



Red (43%)

Yellow (62%)

Blue (97%)

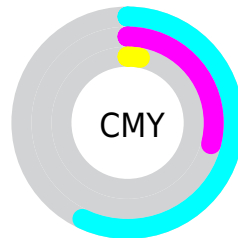


Cyan (55%)

Magenta (27%)

Yellow (0%)

Black (3%)



Cyan (57%)

Magenta (29%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7428, 43.0781, 94.2159 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 39.7428, 43.0781, 94.2159 by changing the saturation by 10% instead.

■ 39.7428, 43.0781,
94.2159

■ 39.7428, 43.0781,
94.2159

336.1914,
358.9329, 562.5718

■ 27.5214, 29.9464,
70.8893

■ 74.0585, 79.8287,
155.1671

■ 18.1038, 19.7979,
51.7706

■ 96.8836, 104.2164,
193.6288

■ 11.1247, 12.2482,
36.4412

■ 123.9738,
133.1249, 237.9726

■ 6.2187, 6.9130,
24.4828

155.6947,
166.9385, 288.6170

■ 3.0204, 3.4077,
15.4766

192.4115,
206.0418, 345.9806

■ 1.1646, 1.3481,
9.0042

234.4897,

■ 0.0781, 0.1780,

250.8190, 410.4819

4.6471

282.2945,
301.6545, 482.5394

■ 0.0000, 0.0000,
1.9866

■ 0.0000, 0.0000,
0.5470

■ 39.7428, 43.0781,
94.2159

■ 39.7428, 43.0781,
94.2159

■ 34.7700, 37.0754,
93.3202

■ 45.7816, 49.9387,
95.2227

■ 30.7804, 31.8779,
92.5273

■ 52.9516, 57.6959,
96.3421

■ 27.6848, 27.4326,
91.8324

■ 61.3175, 66.3909,
97.5795

■ 25.3724, 23.6739,
91.2288

■ 70.9377, 76.0607,
98.9389

■ 24.5085, 22.1551,
90.9811

■ 81.8665, 86.7399,
100.4241

■ 92.9648, 97.8478,
101.9832

■ 93.7887, 99.4955,
102.2579

Harmonies

Analogous

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



33.9098, 43.0781, 83.9881



39.7428, 43.0781, 94.2159



46.5625, 43.0781, 89.2182

Triad

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



39.7428, 43.0781, 94.2159



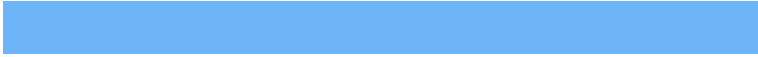
53.8470, 43.0781, 33.1246



31.2911, 43.0781, 28.5762

Complementary

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



39.7428, 43.0781, 94.2159



56.6995, 51.9532, 21.7935

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.



35.7975, 43.0781, 20.6697



39.7428, 43.0781, 94.2159



48.8903, 43.0781, 22.7484

Square

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



39.7428, 43.0781, 94.2159



55.1979, 43.0781, 50.4669



42.1701, 43.0781, 18.8733



29.3838, 43.0781, 43.5142

Rectangle

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



39.7428, 43.0781, 94.2159



50.7021, 43.0781, 78.4780



42.1701, 43.0781, 18.8733



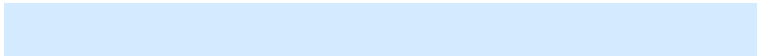
32.5266, 43.0781, 25.1899

Sweetspot

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



39.7443, 43.0796, 94.2170



74.5563, 80.0765, 106.1345



47.3263, 72.8912, 51.5876



15.4982, 16.6807, 22.6528



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.



39.7443, 43.0796, 94.2170



36.6039, 38.8804, 100.1832



29.3022, 22.1954, 90.7362



16.2916, 17.3475, 21.0323



13.1047, 12.0033, 48.1642



1.2547, 1.2608, 4.2675

Inverse Universe

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



52.2756, 34.2640, 47.5757



51.9349, 30.6291, 42.5532



73.0546, 84.6635, 27.2452



16.8578, 16.6260, 18.9975



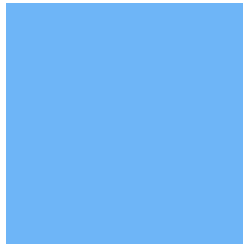
22.4192, 11.3111, 12.1817



2.0224, 1.0149, 1.3442

Previews

White Background



This preview shows how the XYZ color 39.7428, 43.0781, 94.2159 looks on a white background.

Color Contrast Check

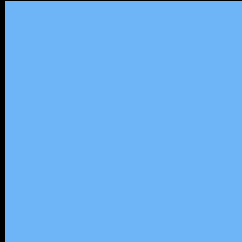
Large Text (above 18pt) WCAG AA × Fail

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 39.7428, 43.0781, 94.2159 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

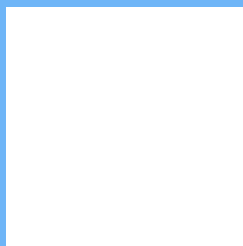
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7428, 43.0781, 94.2159

Background



This preview shows how black text looks on a background with the XYZ color 39.7428, 43.0781, 94.2159.

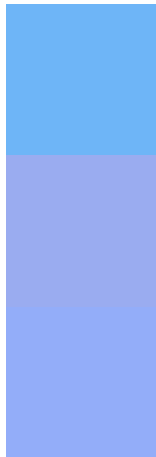


This preview shows how white text looks on a background with the XYZ color 39.7428, 43.0781,

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

39.7428, 43.0781, 94.2159

Protanopia

43.8071, 42.6663, 88.3646

Deuteranopia

44.0751, 42.9297, 95.5858



Tritanopia

33.7128, 43.1345, 63.6757

Trichromacy



Original Color

39.7428, 43.0781, 94.2159

Protanomaly

41.9889, 42.5343, 90.7909

Deuteranomaly

42.3001, 42.8963, 94.8573

Tritanomaly

35.7327, 42.9944, 74.1256

Monochromacy



Original Color

39.7428, 43.0781, 94.2159

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.5704, 39.6016, 57.9410

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7428, 43.0781, 94.2159 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(110, 181, 247)` looks like.

```
.text, #text, p{  
    color:rgb(110, 181, 247)  
}
```

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(110, 181, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 181, 247) }
```

Border

The CSS property to change the border of an element to XYZ 39.7428, 43.0781, 94.2159 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(110, 181, 247) }
```


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

```
.border{ border-color:rgb(110, 181, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 181, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 181, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 181, 247); box-shadow:4px 4px 4px 4px rgb(110, 181, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7428, 43.0781, 94.2159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 181, 247) }
```

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

```
.background{ background-color: rgb(110,  
181, 247) }
```

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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