

Converting Colors

XYZ(39.6935, 43.3096, 82.6115)

Have a look what the booklet for
XYZ(39.6935, 43.3096, 82.6115)
contains.

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Color

**XYZ(39.6935, 43.3096,
82.6114)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB5E8
RGB	126, 181, 232
RGB Percent	49%, 71%, 91%
CMY	0.5059, 0.2902, 0.0902
CMYK	0.46, 0.22, 0.00, 0.09
HSL	209°, 70%, 70%
HSV	209°, 46%, 91%
XYZ	39.6935, 43.3096, 82.6114
YIQ	170.3690, -49.1510, 4.2010

Conversions

Conversions Part 2

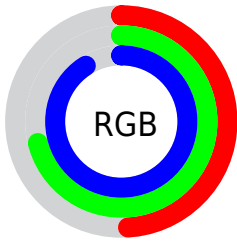
Format	Color
R_{YB}	126, 162, 232
Decimal	8304104
CIE _{Lab}	71.76, -4.56, -31.10
CIE _{LCh}	72, 31.428, 261.656
Yxy	43.3096, 0.2397, 0.2615
Android (android.graphics.Color)	4286494184 (0xFF7EB5E8)
YUV	170.3690, 30.3841, -38.9116
Hunter-Lab	65.8100, -7.5048, -28.3598

Details

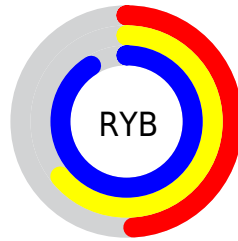
The XYZ color **39.6935, 43.3096, 82.6114** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **52.7678, 50.1075, 26.6307**, and the grayscale version is **38.2644, 40.2572, 43.8401**.

A 20% lighter version of the original color is **67.8626, 77.8557, 106.0586**, and **18.0099, 19.8381, 43.9542** is the 20% darker color. If you saturate the color by 10%, you get **34.4816, 37.3881, 81.7439**, and if you desaturate by 10%, it is **45.8833, 50.0070, 83.5787**.

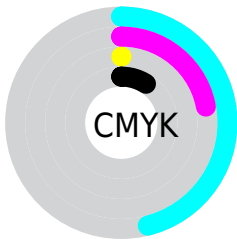
Distribution



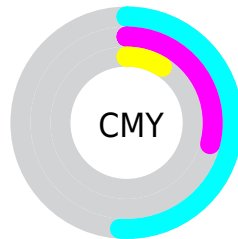
- Red (49%)
- Green (71%)
- Blue (91%)



- Red (49%)
- Yellow (64%)
- Blue (91%)



- Cyan (46%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (51%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6935, 43.3096, 82.6114 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 39.6935, 43.3096, 82.6114 by changing the saturation by 10% instead.

■ 39.6935, 43.3096,
82.6114

■ 39.6935, 43.3096,
82.6114

335.9866,
359.8835, 523.6275

■ 27.4828, 30.1281,
61.3309

■ 73.9839, 80.1778,
138.8754

■ 18.0746, 19.9358,
44.0600

■ 96.7943, 104.6334,
174.6960

■ 11.1036, 12.3484,
30.3801

■ 123.8686,
133.6158, 216.2004

■ 6.2044, 6.9814,
19.8728

155.5722,
167.5093, 263.8070

■ 3.0116, 3.4505,
12.1194

192.2704,
206.6985, 317.9345

■ 1.1599, 1.3712,
6.7016

234.3287,

■ 0.0743, 0.1954,

251.5676, 379.0014

3.2006

282.1123,
302.5011, 447.4262

■ 0.0000, 0.0000,
1.1979

■ 0.0000, 0.0000,
0.0000

■ 39.6935, 43.3096,
82.6114

■ 39.6935, 43.3096,
82.6114

■ 34.4816, 37.3881,
81.7439

■ 45.8833, 50.0070,
83.5787

■ 30.1835, 32.2005,
80.9692

■ 53.1012, 57.5095,
84.6464

■ 26.7334, 27.7072,
80.2837

■ 61.3985, 65.8504,
85.8190

■ 24.0535, 23.8613,
79.6826

■ 70.8221, 75.0596,
87.0999

■ 22.0488, 20.6068,
79.1601

■ 81.4156, 85.1651,
88.4921

■ 21.3278, 19.3506,
78.9556

■ 89.3657, 94.2064,
89.8183

■ 91.5656, 98.6063,
90.5516

Harmonies

Analogous

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



35.1221, 43.3096, 74.1590



39.6935, 43.3096, 82.6114



45.0678, 43.3096, 80.0760

Triad

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



39.6935, 43.3096, 82.6114



51.4550, 43.3096, 37.1236



33.6309, 43.3096, 31.1762

Complementary

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



39.6935, 43.3096, 82.6114



52.7678, 50.1075, 26.6307

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.



37.4933, 43.3096, 24.7805



39.6935, 43.3096, 82.6114



47.8630, 43.3096, 27.6622

Square

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



39.6935, 43.3096, 82.6114



52.1726, 43.3096, 51.5506



42.6714, 43.3096, 23.6502



31.8251, 43.3096, 43.0201

Rectangle

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



39.6935, 43.3096, 82.6114



48.3670, 43.3096, 72.6928



42.6714, 43.3096, 23.6502



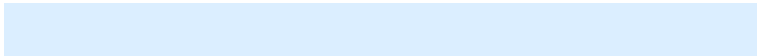
34.7151, 43.3096, 28.4341

Sweetspot

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



39.6950, 43.3112, 82.6124



77.8770, 83.3732, 106.5958



45.2458, 65.2634, 51.0120



16.1562, 17.3381, 22.7450



0.0000, 0.0000, 0.0000



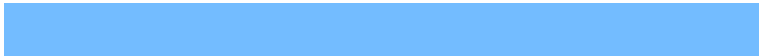
20.3446, 21.4041, 23.3091

Same Dimension

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



39.6950, 43.3112, 82.6124



42.9687, 46.6105, 101.3398



31.0917, 26.1047, 79.7447



14.1984, 15.1181, 18.3141



11.9672, 10.9964, 43.8750



0.9773, 0.9985, 3.2732

Inverse Universe

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



49.0812, 35.4151, 47.9667



56.3679, 37.0748, 51.4925



64.9175, 74.4070, 30.6806



14.6877, 14.4923, 16.5559



20.4340, 10.3078, 11.1803



1.5569, 0.7805, 1.0732

Previews

White Background



This preview shows how the XYZ color 39.6935, 43.3096, 82.6114 looks on a white background.

Color Contrast Check

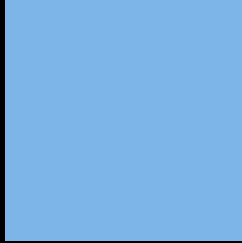
Large Text (above 18pt) WCAG AA × Fail

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 39.6935, 43.3096, 82.6114 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

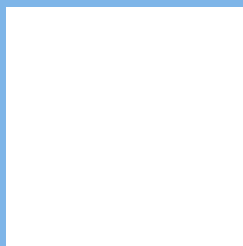
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6935, 43.3096, 82.6114

Background



This preview shows how black text looks on a background with the XYZ color 39.6935, 43.3096, 82.6114.



This preview shows how white text looks on a background with the XYZ color 39.6935, 43.3096,

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

39.6935, 43.3096, 82.6114

Protanopia

43.3690, 42.9552, 77.9569

Deuteranopia

44.2921, 43.3012, 83.8654



Tritanopia

35.5557, 43.1640, 62.3346

Trichromacy



Original Color

39.6935, 43.3096, 82.6114

Protanomaly

41.7417, 42.9480, 79.4886

Deuteranomaly

42.4461, 43.2298, 83.1978

Tritanomaly

36.8965, 43.0781, 69.3211

Monochromacy



Original Color

39.6935, 43.3096, 82.6114

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.0881, 40.9924, 56.3569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6935, 43.3096, 82.6114 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(126, 181, 232)` looks like.

```
.text, #text, p{  
    color:rgb(126, 181, 232)  
}
```

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(126, 181, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 181, 232) }
```

Border

The CSS property to change the border of an element to XYZ 39.6935, 43.3096, 82.6114 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(126, 181, 232) }
```


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

```
.border{ border-color:rgb(126, 181, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 181, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 181, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 181, 232);  
box-shadow:4px 4px 4px 4px rgb(126, 181,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6935, 43.3096, 82.6114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 181, 232) }
```

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

```
.background{ background-color: rgb(126,  
181, 232) }
```

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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