

Converting Colors

XYZ(39.2134, 43.0665, 81.1254)

Have a look what the booklet for
XYZ(39.2134, 43.0665, 81.1254)
contains.

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Color

**XYZ(39.2642, 43.1209,
81.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB5E6
RGB	125, 181, 230
RGB Percent	49%, 71%, 90%
CMY	0.5098, 0.2902, 0.0980
CMYK	0.46, 0.21, 0.00, 0.10
HSL	208°, 68%, 70%
HSV	208°, 46%, 90%
XYZ	39.2642, 43.1209, 81.1166
YIQ	169.8420, -49.1050, 3.3670

Conversions

Conversions Part 2

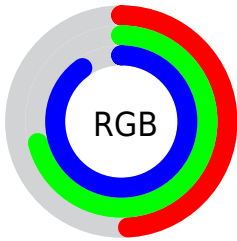
Format	Color
R _Y B	125, 162, 230
Decimal	8238566
CIE Lab	71.64, -5.36, -30.21
CIE LCh	72, 30.681, 259.933
Yxy	43.1209, 0.2401, 0.2637
Android (android.graphics.Color)	4286428646 (0xFF7DB5E6)
YUV	169.8420, 29.6579, -39.3264
Hunter-Lab	65.6665, -8.1853, -27.2733

Details

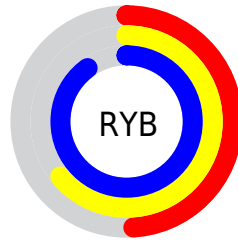
The XYZ color **39.2642, 43.1209, 81.1166** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **51.4719, 48.5769, 26.0669**, and the grayscale version is **38.0056, 39.9848, 43.5435**.

A 20% lighter version of the original color is **67.6256, 77.7335, 106.0476**, and **17.7430, 19.7233, 42.9162** is the 20% darker color. If you saturate the color by 10%, you get **34.1884, 37.3890, 80.2785**, and if you desaturate by 10%, it is **45.2884, 49.5931, 82.0491**.

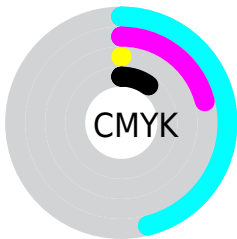
Distribution



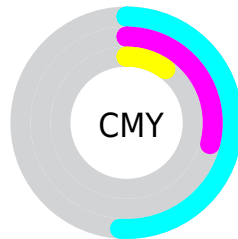
- Red (49%)
- Green (71%)
- Blue (90%)



- Red (49%)
- Yellow (64%)
- Blue (90%)



- Cyan (46%)
- Magenta (21%)
- Yellow (0%)
- Black (10%)



- Cyan (51%)
- Magenta (29%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2642, 43.1209, 81.1166 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 39.2642, 43.1209, 81.1166 by changing the saturation by 10% instead.

■ 39.2642, 43.1209,
81.1166

■ 39.2642, 43.1209,
81.1166

334.2003,
359.1087, 518.4936

■ 27.1470, 29.9800,
60.1061

■ 73.3332, 79.8933,
136.7600

■ 17.8208, 19.8234,
43.0783

■ 96.0158, 104.2935,
172.2300

■ 10.9203, 12.2667,
29.6147

■ 122.9508,
133.2157, 213.3569

■ 6.0802, 6.9256,
19.2967

154.5036,
167.0441, 260.5592

■ 2.9350, 3.4156,
11.7059

191.0396,
206.1632, 314.2555

■ 1.1195, 1.3524,
6.4237

232.9242,

■ 0.0413, 0.1812,

250.9575, 374.8643

3.0314

280.5226,
301.8112, 442.8041

■ 0.0000, 0.0000,
1.1107

■ 0.0000, 0.0000,
0.0000

■ 39.2642, 43.1209,
81.1166

■ 39.2642, 43.1209,
81.1166

■ 34.1884, 37.3890,
80.2785

■ 45.2884, 49.5931,
82.0491

■ 29.9985, 32.3569,
79.5281

■ 52.3095, 56.8334,
83.0766

■ 26.6305, 27.9868,
78.8621

■ 60.3777, 64.8738,
84.2033

■ 24.0089, 24.2337,
78.2758

■ 69.5382, 73.7426,
85.4324

■ 22.0412, 21.0437,
77.7638

■ 79.8336, 83.4669,
86.7667

■ 21.3250, 19.7970,
77.5609

■ 88.2974, 92.5220,
88.0684

■ 91.2831, 98.4932,
89.0636

Harmonies

Analogous

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



34.8872, 43.1209, 72.4165



39.2642, 43.1209, 81.1166



44.4849, 43.1209, 79.2973

Triad

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



39.2642, 43.1209, 81.1166



51.1084, 43.1209, 37.8601



33.8077, 43.1209, 30.8431

Complementary

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



39.2642, 43.1209, 81.1166



51.4719, 48.5769, 26.0669

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.



37.6739, 43.1209, 24.8701



39.2642, 43.1209, 81.1166



47.7551, 43.1209, 28.2886

Square

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



39.2642, 43.1209, 81.1166



51.6251, 43.1209, 52.1301



42.7556, 43.1209, 24.0459



31.9178, 43.1209, 42.1274

Rectangle

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



39.2642, 43.1209, 81.1166



47.7354, 43.1209, 72.4737



42.7556, 43.1209, 24.0459



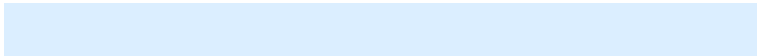
34.9033, 43.1209, 28.2580

Sweetspot

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



39.2656, 43.1225, 81.1176



78.0274, 83.6740, 106.6460



44.2259, 63.9428, 49.1684



16.1928, 17.4113, 22.7572



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.



39.2656, 43.1225, 81.1176



43.4037, 47.4805, 101.4848



30.7576, 26.1065, 78.2816



14.2161, 15.1537, 18.3200



12.1965, 11.4551, 43.9514



0.9941, 1.0321, 3.2788

Inverse Universe

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



48.3084, 34.8278, 47.8940



56.5875, 37.1626, 52.6487



63.1934, 72.0199, 29.9741



14.6967, 14.4959, 16.6031



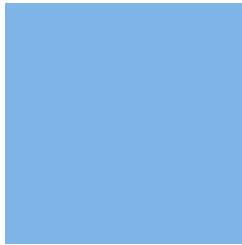
20.5497, 10.3541, 11.7899



1.5654, 0.7839, 1.1179

Previews

White Background



This preview shows how the XYZ color 39.2642, 43.1209, 81.1166 looks on a white background.

Color Contrast Check

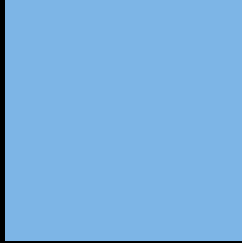
Large Text (above 18pt) WCAG AA × Fail

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 39.2642, 43.1209, 81.1166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

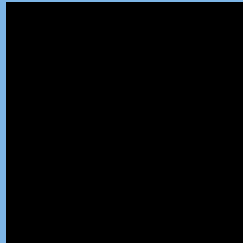
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2642, 43.1209, 81.1166

Background



This preview shows how black text looks on a background with the XYZ color 39.2642, 43.1209, 81.1166.



This preview shows how white text looks on a background with the XYZ color 39.2642, 43.1209,

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

39.2642, 43.1209, 81.1166

Protanopia

43.2984, 42.9503, 76.5292

Deuteranopia

43.8152, 42.8048, 82.2968



Tritanopia

35.3040, 43.0479, 61.7067

Trichromacy



Original Color

39.2642, 43.1209, 81.1166

Protanomaly

41.6472, 42.9312, 78.0430

Deuteranomaly

41.7864, 42.6325, 81.6278

Tritanomaly

36.6319, 42.9564, 68.6481

Monochromacy



Original Color

39.2642, 43.1209, 81.1166

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.9769, 40.9479, 55.7713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2642, 43.1209, 81.1166 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(125, 181, 230)` looks like.

```
.text, #text, p{  
    color:rgb(125, 181, 230)  
}
```

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(125, 181, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 181, 230) }
```

Border

The CSS property to change the border of an element to XYZ 39.2642, 43.1209, 81.1166 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(125, 181, 230) }
```


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

```
.border{ border-color:rgb(125, 181, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 181, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 181, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 181, 230);  
box-shadow:4px 4px 4px 4px rgb(125, 181,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2642, 43.1209, 81.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 181, 230) }
```

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

```
.background{ background-color: rgb(125,  
181, 230) }
```

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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