

Converting Colors

XYZ(43.8240, 46.7039, 81.7888)

Have a look what the booklet for
XYZ(43.8240, 46.7039, 81.7888)
contains.

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Color

**XYZ(43.8446, 46.7070,
81.5674)**

Conversions

Conversions Part 1

Format	Color
Hex	94B9E6
RGB	148, 185, 230
RGB Percent	58%, 73%, 90%
CMY	0.4196, 0.2745, 0.0980
CMYK	0.36, 0.20, 0.00, 0.10
HSL	213°, 62%, 74%
HSV	213°, 36%, 90%
XYZ	43.8446, 46.7070, 81.5674
YIQ	179.0670, -36.4970, 6.1510

Conversions

Conversions Part 2

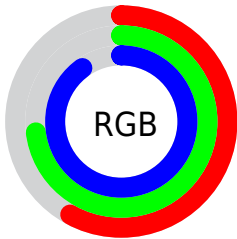
Format	Color
R_{YB}	148, 173, 230
Decimal	9746918
CIE _{Lab}	74.00, -1.61, -26.47
CIE _{LCh}	74, 26.515, 266.528
Yxy	46.7070, 0.2547, 0.2714
Android (android.graphics.Color)	4287936998 (0xFF94B9E6)
YUV	179.0670, 25.1100, -27.2458
Hunter-Lab	68.3425, -5.0842, -22.9234

Details

The XYZ color **43.8446, 46.7070, 81.5674** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.0492, 57.1018, 36.0333**, and the grayscale version is **42.7690, 44.9963, 49.0010**.

A 20% lighter version of the original color is **74.4071, 82.9680, 106.7005**, and **20.5073, 21.9382, 43.1980** is the 20% darker color. If you saturate the color by 10%, you get **37.5663, 39.7240, 80.5513**, and if you desaturate by 10%, it is **51.1869, 54.5886, 82.7025**.

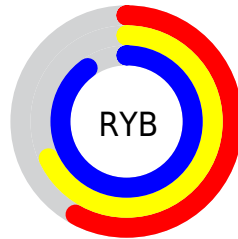
Distribution



Red (58%)

Green (73%)

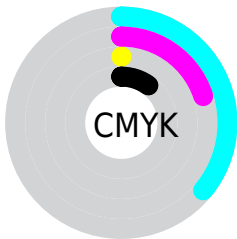
Blue (90%)



Red (58%)

Yellow (68%)

Blue (90%)

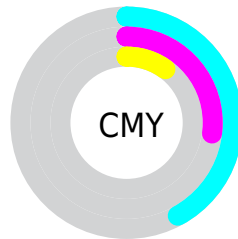


Cyan (36%)

Magenta (20%)

Yellow (0%)

Black (10%)



Cyan (42%)

Magenta (27%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8446, 46.7070, 81.5674 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 43.8446, 46.7070, 81.5674 by changing the saturation by 10% instead.

■ 43.8446, 46.7070,
81.5674

■ 43.8446, 46.7070,
81.5674

352.9367,
373.6438, 520.0449

■ 30.7457, 32.8041,
60.4753

■ 80.2316, 85.2761,
137.3984

■ 20.5562, 21.9764,
43.3740

■ 104.2506,
110.7111, 172.9744

■ 12.9106, 13.8396,
29.8451

132.6402,
140.7589, 214.2154

■ 7.4436, 8.0092,
19.4700

165.7659,
175.8039, 261.5400

■ 3.7898, 4.1008,
11.8301

203.9930,
216.2305, 315.3667

■ 1.5839, 1.7301,
6.5070

247.6870,

■ 0.3819, 0.4430,

262.4230, 376.1141

3.0820

297.2131,
314.7660, 444.2006

■ 0.0000, 0.0000,
1.1367

■ 0.0000, 0.0000,
0.0000

■ 43.8446, 46.7070,
81.5674

■ 43.8446, 46.7070,
81.5674

■ 37.5663, 39.7240,
80.5513

■ 51.1869, 54.5886,
82.7025

■ 32.2922, 33.5967,
79.6466

■ 59.6397, 63.3982,
83.9575

■ 27.9630, 28.2861,
78.8497

■ 69.2520, 73.1707,
85.3371

■ 24.5108, 23.7474,
78.1556

■ 80.0685, 83.9370,
86.8451

■ 21.8570, 19.9299,
77.5586

■ 89.1249, 94.1769,
88.3443

■ 19.9061, 16.7734,
77.0522

■ 91.2831, 98.4932,
89.0637

■ 19.2117, 15.5704,
76.8566

Harmonies

Analogous

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



39.5601, 46.7070, 75.8481



43.8446, 46.7070, 81.5674



48.5845, 46.7070, 77.9278

Triad

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



43.8446, 46.7070, 81.5674



53.0460, 46.7070, 40.0787



37.2254, 46.7070, 37.7905

Complementary

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



43.8446, 46.7070, 81.5674



57.0492, 57.1018, 36.0333

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.



40.4510, 46.7070, 30.9157



43.8446, 46.7070, 81.5674



49.6056, 46.7070, 32.0626

Square

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



43.8446, 46.7070, 81.5674



54.1134, 46.7070, 52.4512



44.9472, 46.7070, 29.0206



35.9135, 46.7070, 49.2934

Rectangle

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



43.8446, 46.7070, 81.5674



51.3325, 46.7070, 70.9825



44.9472, 46.7070, 29.0206



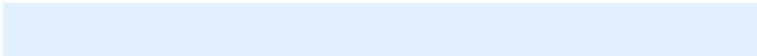
38.1100, 46.7070, 34.9463

Sweetspot

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



43.8461, 46.7088, 81.5685



80.7573, 85.6318, 106.8800



49.9956, 66.6845, 59.9520



16.9357, 17.9723, 22.8263



0.0000, 0.0000, 0.0000



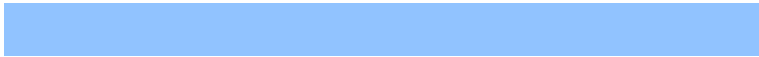
20.3446, 21.4041, 23.3091

Same Dimension

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



43.8461, 46.7088, 81.5685



49.2653, 52.2246, 102.0915



37.5872, 33.4482, 79.3388



14.1157, 14.9528, 18.2865



10.9949, 9.0519, 43.5509



0.9042, 0.8523, 3.2488

Inverse Universe

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



51.9812, 41.5070, 51.1728



61.2498, 45.5503, 57.0915



65.4058, 75.1070, 39.0682



14.6460, 14.4756, 16.3362



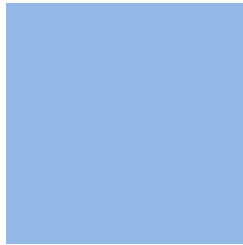
19.9432, 10.1115, 8.5960



1.5200, 0.7657, 0.8790

Previews

White Background



This preview shows how the XYZ color 43.8446, 46.7070, 81.5674 looks on a white background.

Color Contrast Check

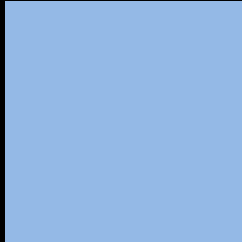
Large Text (above 18pt) WCAG AA × Fail

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 43.8446, 46.7070, 81.5674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

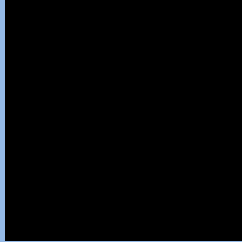
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

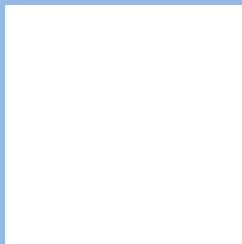
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.8446, 46.7070, 81.5674

Background



This preview shows how black text looks on a background with the XYZ color 43.8446, 46.7070, 81.5674.



This preview shows how white text looks on a background with the XYZ color 43.8446, 46.7070,

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

43.8446, 46.7070, 81.5674

Protanopia

46.6263, 46.6796, 78.5041

Deuteranopia

47.5778, 46.4945, 82.0680



Tritanopia

40.3724, 46.5538, 64.6155

Trichromacy



Original Color

43.8446, 46.7070, 81.5674

Protanomaly

45.4934, 46.6833, 79.2861

Deuteranomaly

46.2575, 46.7098, 82.1792

Tritanomaly

41.6224, 46.7508, 70.4484

Monochromacy



Original Color

43.8446, 46.7070, 81.5674

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8654, 45.4498, 59.9395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8446, 46.7070, 81.5674 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(148, 185, 230)` looks like.

```
.text, #text, p{  
    color:rgb(148, 185, 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(148, 185, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 185, 230) }
```

Border

The CSS property to change the border of an element to XYZ 43.8446, 46.7070, 81.5674 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(148, 185, 230) }
```


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

```
.border{ border-color:rgb(148, 185, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 185, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 185, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 185, 230);  
box-shadow:4px 4px 4px 4px rgb(148, 185,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8446, 46.7070, 81.5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 185, 230) }
```

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

```
.background{ background-color: rgb(148,  
185, 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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