

Converting Colors

XYZ(46.1475, 46.5985,
101.1699)

Have a look what the booklet for
XYZ(46.1475, 46.5985, 101.1699)
contains.

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Color

**XYZ(46.1056, 46.5155,
101.1561)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8FB6FF |
| RGB | 143, 182, 255 |
| RGB Percent | 56%, 71%, 100% |
| CMY | 0.4392, 0.2863, 0.0000 |
| CMYK | 0.44, 0.29, 0.00, 0.00 |
| HSL | 219°, 100%, 78% |
| HSV | 219°, 44%, 100% |
| XYZ | 46.1056, 46.5155, 101.1561 |
| YIQ | 178.6610, -46.6770, 14.4350 |

Conversions

Conversions Part 2

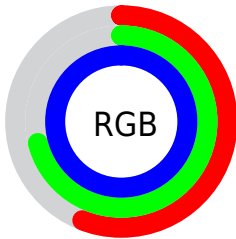
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 143, 172, 255 |
| Decimal | 9418495 |
| CIE Lab | 73.88, 5.45, -40.19 |
| CIE LCh | 74, 40.558, 277.730 |
| Yxy | 46.5155, 0.2379, 0.2400 |
| Android (android.graphics.Color) | 4287608575 (0xFF8FB6FF) |
| YUV | 178.6610, 37.6351, -31.2747 |
| Hunter-Lab | 68.2023, 1.3143, -40.1960 |

Details

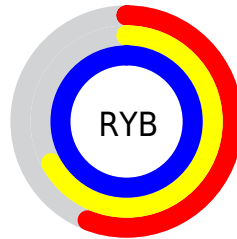
The XYZ color **46.1056, 46.5155, 101.1561** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.7546, 72.3560, 36.2254**, and the grayscale version is **42.4928, 44.7057, 48.6845**.

A 20% lighter version of the original color is **72.7119, 80.7866, 106.3688**, and **21.8811, 21.7562, 56.4722** is the 20% darker color. If you saturate the color by 10%, you get **38.9783, 38.0854, 99.9046**, and if you desaturate by 10%, it is **54.6430, 56.2741, 102.5897**.

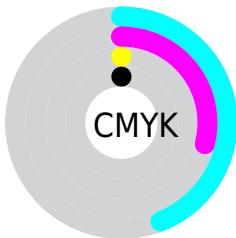
Distribution



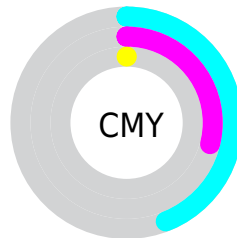
- Red (56%)
- Green (71%)
- Blue (100%)



- Red (56%)
- Yellow (67%)
- Blue (100%)



- Cyan (44%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.1056, 46.5155, 101.1561 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 46.1056, 46.5155, 101.1561 by changing the saturation by 10% instead.

■ 46.1056, 46.5155,
101.1561

■ 46.1056, 46.5155,
101.1561

361.9419,
372.8773, 585.1712

■ 32.5341, 32.6528,
76.6441

■ 83.6039, 84.9900,
164.8107

■ 21.9273, 21.8606,
56.4510

■ 108.2615,
110.3705, 204.7905

■ 13.9198, 13.7545,
40.1582

137.3451,
140.3592, 250.7633

■ 8.1462, 7.9501,
27.3472

171.2202,
175.3403, 303.1476

■ 4.2413, 4.0630,
17.5994

210.2520,
215.6982, 362.3620

■ 1.8395, 1.7089,
10.4963

254.8060,

■ 0.5413, 0.4294,

261.8175, 428.8250

5.6194

305.2475,
314.0823, 502.9553

■ 0.0000, 0.0000,
2.5500

■ 0.0000, 0.0000,
0.8665

■ 46.1056, 46.5155,
101.1561

■ 46.1056, 46.5155,
101.1561

■ 38.9783, 38.0854,
99.9046

■ 54.6430, 56.2741,
102.5897

■ 33.1739, 30.9151,
98.8265

■ 64.6620, 67.4152,
104.2121

■ 28.6013, 24.9367,
97.9136

■ 76.2341, 79.9955,
106.0305

■ 25.1549, 20.0720,
97.1562

■ 89.4247, 94.0669,
108.0513

■ 22.7077, 16.2306, 95.0500, 100.0000,
96.5437 108.9000

■ 21.6053, 14.3305,
96.2351

Harmonies

Analogous

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



39.1554, 46.5155, 97.0807



46.1056, 46.5155, 101.1561



53.2646, 46.5155, 89.0590

Triad

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



46.1056, 46.5155, 101.1561



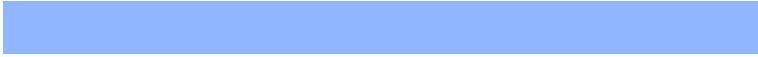
56.1281, 46.5155, 30.0020



32.5666, 46.5155, 37.0222

Complementary

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



46.1056, 46.5155, 101.1561



70.7546, 72.3560, 36.2254

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.



36.2473, 46.5155, 25.2569



46.1056, 46.5155, 101.1561



49.6854, 46.5155, 22.0405

Square

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



46.1056, 46.5155, 101.1561



59.4476, 46.5155, 45.4849



42.3702, 46.5155, 20.5781



31.8303, 46.5155, 56.1866

Rectangle

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



46.1056, 46.5155, 101.1561



57.0222, 46.5155, 74.9847



42.3702, 46.5155, 20.5781



33.4795, 46.5155, 32.2441

Sweetspot

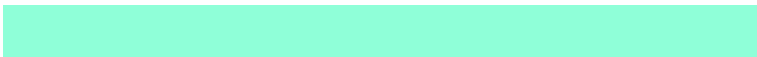
The Sweet Spot groups the original color and five complimentary colors.



46.1071, 46.5172, 101.1563



77.3786, 81.2266, 106.2078



59.4576, 82.3077, 77.5846



15.9792, 16.7580, 22.6424



0.0000, 0.0000, 0.0000



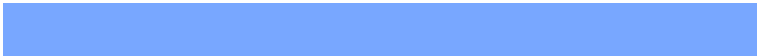
20.3446, 21.4041, 23.3091

Same Dimension

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



46.1071, 46.5172, 101.1563



39.5773, 38.8071, 100.0123



42.3312, 34.3198, 99.0010



17.5203, 18.4121, 22.8804



11.4147, 7.7390, 50.3267



1.2090, 0.9488, 4.9327

Inverse Universe

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



59.5070, 44.2839, 49.6688



54.9053, 37.4436, 40.8495



76.0456, 91.7152, 39.6833



18.2705, 18.0915, 20.0416



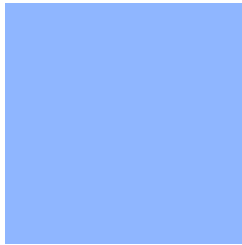
22.5498, 11.5092, 6.2798



2.2449, 1.1403, 0.8709

Previews

White Background



This preview shows how the XYZ color 46.1056, 46.5155, 101.1561 looks on a white background.

Color Contrast Check

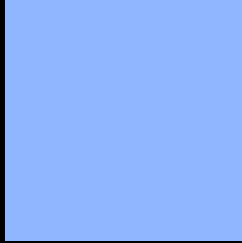
Large Text (above 18pt) WCAG AA × Fail

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 46.1056, 46.5155, 101.1561 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

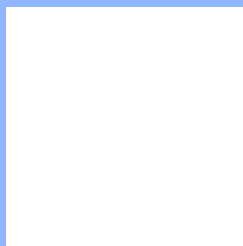
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.1056, 46.5155, 101.1561

Background



This preview shows how black text looks on a background with the XYZ color 46.1056, 46.5155, 101.1561.



This preview shows how white text looks on a background with the XYZ color 46.1056, 46.5155,

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

46.1056, 46.5155, 101.1561

Protanopia

47.7892, 46.2400, 98.5019

Deuteranopia

47.4965, 46.3302, 101.0470



Tritanopia

39.0992, 46.5124, 65.9485

Trichromacy



Original Color

46.1056, 46.5155, 101.1561

Protanomaly

46.9866, 46.1044, 99.3511

Deuteranomaly

46.9489, 46.3465, 101.0790

Tritanomaly

41.4294, 46.4992, 77.3127

Monochromacy



Original Color

46.1056, 46.5155, 101.1561

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.3096, 45.2545, 65.4838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.1056, 46.5155, 101.1561 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(143, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 182, 255)  
}
```

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(143, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 46.1056, 46.5155, 101.1561 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(143, 182, 255) }
```


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

```
.border{ border-color:rgb(143, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 182,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 46.1056, 46.5155, 101.1561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 182, 255) }
```

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

```
.background{ background-color: rgb(143,  
182, 255) }
```

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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