

Converting Colors

XYZ(71.8074, 88.3427,
101.5687)

Have a look what the booklet for
XYZ(71.8074, 88.3427, 101.5687)
contains.

| | |
|--|----|
| XYZ(71.6046, 88.0592, 101.2188) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(71.6046, 88.0592,
101.2188)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B5FFF7 |
| RGB | 181, 255, 247 |
| RGB Percent | 71%, 100%, 97% |
| CMY | 0.2902, 0.0000, 0.0314 |
| CMYK | 0.29, 0.00, 0.03, 0.00 |
| HSL | 174°, 100%, 85% |
| HSV | 174°, 29%, 100% |
| XYZ | 71.6046, 88.0592, 101.2188 |
| YIQ | 231.9620, -41.5360, -18.1760 |

Conversions

Conversions Part 2

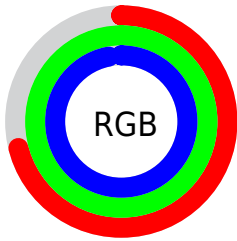
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 181, 220, 255 |
| Decimal | 11927543 |
| CIELab | 95.19, -24.29, -3.49 |
| CIELCh | 95, 24.542, 188.183 |
| Yxy | 88.0592, 0.2745, 0.3375 |
| Android (android.graphics.Color) | 4290117623 (0xFFB5FFF7) |
| YUV | 231.9620, 7.4137, -44.6937 |
| Hunter-Lab | 93.8399, -28.0152, 1.7357 |

Details

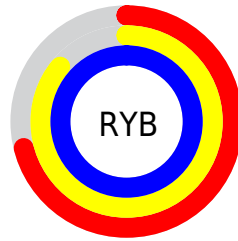
The XYZ color **71.6046, 88.0592, 101.2188** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **66.9500, 57.9833, 55.8082**, and the grayscale version is **76.6418, 80.6332, 87.8095**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **38.2022, 48.5854, 56.6547** is the 20% darker color. If you saturate the color by 10%, you get **65.7408, 85.0850, 98.7416**, and if you desaturate by 10%, it is **78.5709, 91.6009, 103.7833**.

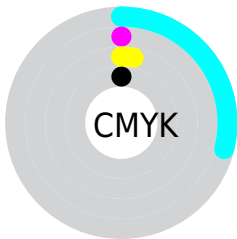
Distribution



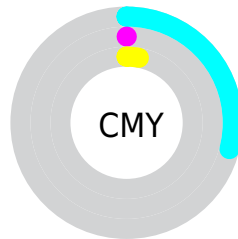
- Red (71%)
- Green (100%)
- Blue (97%)



- Red (71%)
- Yellow (86%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.6046, 88.0592, 101.2188 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 71.6046, 88.0592, 101.2188 by changing the saturation by 10% instead.

71.6046, 88.0592,
101.2188

71.6046, 88.0592,
101.2188

455.3432,
521.6971, 585.3732

53.1200, 66.3721,
76.6963

120.5081,
144.6396, 164.8975

38.1265, 48.5745,
56.4935

151.6577,
180.3016, 204.8908

26.2585, 34.2821,
40.1921

187.7597,
221.3908, 250.8781

17.1508, 23.1104,
27.3734

229.1795,
268.2915, 303.2779

10.4381, 14.6750,
17.6190

276.2823,
321.3880, 362.5088

5.7548, 8.5916,
10.5102

329.4337,

2.7358, 4.4758,

381.0649, 428.9893

5.6285

388.9989,
447.7065, 503.1379

■ 1.0157, 1.9431,
2.5554

■ 0.0000, 0.5741,
0.8693

■ 71.6046, 88.0592,
101.2188

■ 71.6046, 88.0592,
101.2188

■ 65.7408, 85.0850,
98.7416

■ 78.5709, 91.6009,
103.7833

■ 60.9168, 82.6462,
96.3444

■ 86.6921, 95.7373,
106.4333

■ 57.0681, 80.7095,
94.0253

95.0500, 100.0000,
108.9000

■ 54.1216, 79.2372,
91.7809

■ 51.9943, 78.1864,
89.6070

■ 50.5872, 77.5062,
87.4990

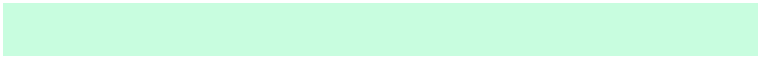
■ 49.7544, 77.1214,
85.4499

■ 49.6856, 77.0902,
85.2510

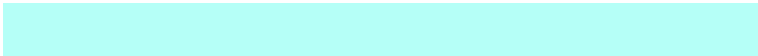
Harmonies

Analogous

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



72.3190, 88.0592, 82.8364



71.6046, 88.0592, 101.2188



73.9919, 88.0592, 120.4945

Triad

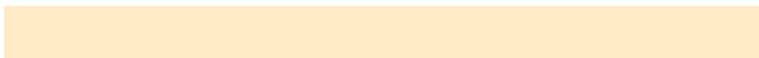
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6046, 88.0592, 101.2188



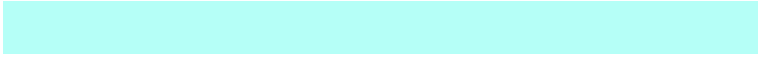
91.9004, 88.0592, 127.8379



88.5679, 88.0592, 65.5966

Complementary

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



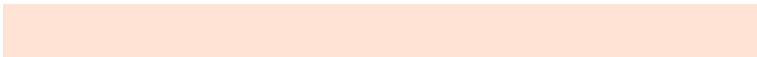
71.6046, 88.0592, 101.2188



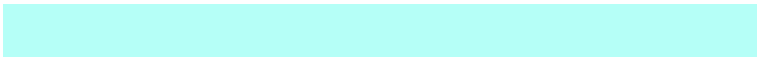
66.9500, 57.9833, 55.8082

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.



94.2170, 88.0592, 74.8715



71.6046, 88.0592, 101.2188



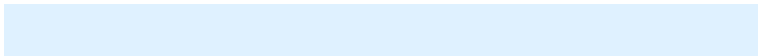
96.2113, 88.0592, 110.2289

Square

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



71.6046, 88.0592, 101.2188



85.5411, 88.0592, 137.1453



97.0809, 88.0592, 90.7352



81.8809, 88.0592, 63.8554

Rectangle

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



71.6046, 88.0592, 101.2188



77.1000, 88.0592, 130.7001



97.0809, 88.0592, 90.7352



90.6613, 88.0592, 67.8709

Sweetspot

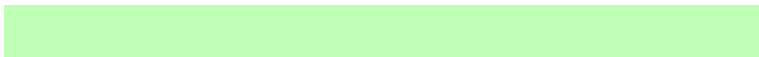
The Sweet Spot groups the original color and five complimentary colors.



71.6056, 88.0597, 101.2203



86.7081, 95.7454, 106.4383



65.2453, 85.7567, 56.8317



18.2903, 20.3565, 22.6985



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

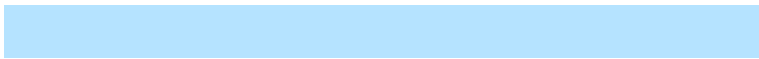
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.6056, 88.0597, 101.2203



67.9689, 86.2142, 99.7277



64.4761, 71.7826, 105.0649



18.4653, 20.4456, 22.7531



25.9959, 40.2949, 44.7250



2.5543, 3.9327, 4.4770

Inverse Universe

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



66.9500, 57.9833, 55.8082



62.6077, 51.5524, 47.4130



72.4719, 70.3784, 53.4825



18.0892, 18.0190, 19.0867



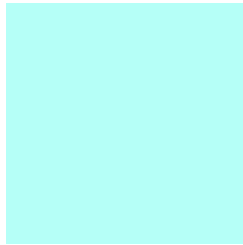
21.6811, 11.1617, 1.7053



2.1359, 1.0967, 0.2970

Previews

White Background



This preview shows how the XYZ color 71.6046, 88.0592, 101.2188 looks on a white background.

Color Contrast Check

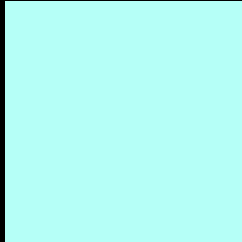
Large Text (above 18pt) WCAG AA × Fail

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 71.6046, 88.0592, 101.2188 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

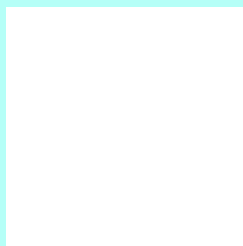
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.6046, 88.0592, 101.2188

Background



This preview shows how black text looks on a background with the XYZ color 71.6046, 88.0592, 101.2188.

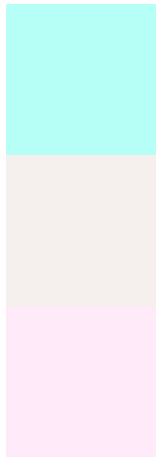


This preview shows how white text looks on a background with the XYZ color 71.6046, 88.0592,

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

71.6046, 88.0592, 101.2188

Protanopia

83.9553, 87.3185, 93.3182

Deuteranopia

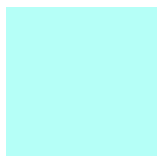
87.7617, 86.9452, 101.7791



Tritanopia

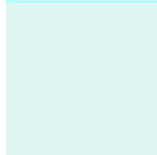
79.6158, 87.4302, 107.2873

Trichromacy



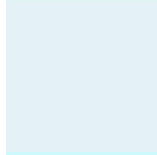
Original Color

71.6046, 88.0592, 101.2188



Protanomaly

78.6538, 87.1853, 95.9020



Deuteranomaly

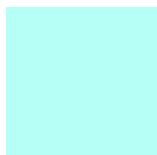
80.6903, 86.7756, 101.3035



Tritanomaly

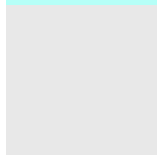
76.6232, 87.7588, 104.9961

Monochromacy



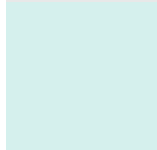
Original Color

71.6046, 88.0592, 101.2188



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

73.8867, 82.5807, 92.1662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.6046, 88.0592, 101.2188 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(181, 255, 247)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 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(181, 255, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 247) }
```

Border

The CSS property to change the border of an element to XYZ 71.6046, 88.0592, 101.2188 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(181, 255, 247) }
```


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

```
.border{ border-color:rgb(181, 255, 247) }
```

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

Here you see how a box with a 4 pixel rgb(181, 255, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 247);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 71.6046, 88.0592, 101.2188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 247) }
```

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

```
.background{ background-color: rgb(181,  
255, 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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