

Converting Colors

XYZ(71.4421, 88.0764, 96.6476)

Have a look what the booklet for
XYZ(71.4421, 88.0764, 96.6476)
contains.

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Color

**XYZ(71.4043, 88.0612,
96.4532)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FFF1
RGB	184, 255, 241
RGB Percent	72%, 100%, 95%
CMY	0.2784, 0.0000, 0.0549
CMYK	0.28, 0.00, 0.05, 0.00
HSL	168°, 100%, 86%
HSV	168°, 28%, 100%
XYZ	71.4043, 88.0612, 96.4532
YIQ	232.1750, -37.8220, -19.4060

Conversions

Conversions Part 2

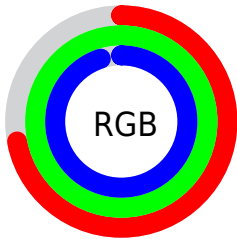
Format	Color
RYB	184, 223, 255
Decimal	12124145
CIELab	95.19, -24.72, -0.38
CIELCh	95, 24.723, 180.878
Yxy	88.0612, 0.2790, 0.3441
Android (android.graphics.Color)	4290314225 (0xFFB8FFF1)
YUV	232.1750, 4.3507, -42.2495
Hunter-Lab	93.8409, -28.3996, 4.7482

Details

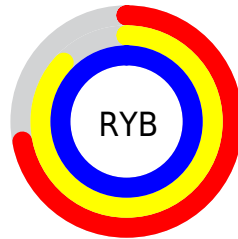
The XYZ color **71.4043, 88.0612, 96.4532** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.5742, 59.6193, 61.3200**, and the grayscale version is **76.8213, 80.8220, 88.0152**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **38.0043, 48.5581, 53.2685** is the 20% darker color. If you saturate the color by 10%, you get **65.0962, 84.8948, 92.2926**, and if you desaturate by 10%, it is **78.8360, 91.8044, 100.7775**.

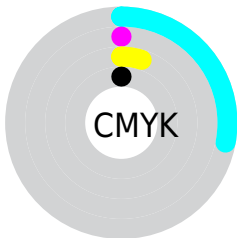
Distribution



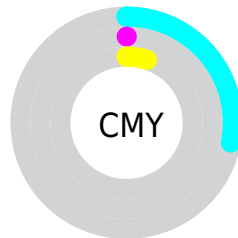
- Red (72%)
- Green (100%)
- Blue (95%)



- Red (72%)
- Yellow (87%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.4043, 88.0612, 96.4532 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 71.4043, 88.0612, 96.4532 by changing the saturation by 10% instead.


 71.4043, 88.0612,
96.4532

 71.4043, 88.0612,
96.4532


454.6554,
521.7036, 569.9096

 52.9559, 66.3738,
72.7415


 120.2246,
144.6424, 158.2835

 37.9949, 48.5759,
53.2741


151.3273,
180.3049, 197.2393

 26.1559, 34.2832,
37.6324


187.3787,
221.3945, 242.1134

 17.0736, 23.1112,
25.3979

228.7443,
268.2957, 293.3246

 10.3826, 14.6756,
16.1520

275.7894,
321.3928, 351.2912

 5.7176, 8.5921,
9.4763

328.8794,

 2.7131, 4.4761,

381.0702, 416.4319

4.9521

388.3796,
447.7124, 489.1652

■ 1.0039, 1.9433,
2.1609

■ 0.0000, 0.5742,
0.6517

■ 71.4043, 88.0612,
96.4532

■ 71.4043, 88.0612,
96.4532

■ 65.0962, 84.8948,
92.2926

■ 78.8360, 91.8044,
100.7775

■ 59.8495, 82.2733,
88.2876

■ 87.4434, 96.1513,
105.2644

■ 55.6003, 80.1636,
84.4358

95.0500, 100.0000,
108.9000

■ 52.2765, 78.5286,
80.7328

■ 49.7961, 77.3261,
77.1741

■ 48.0624, 76.5063,
73.7541

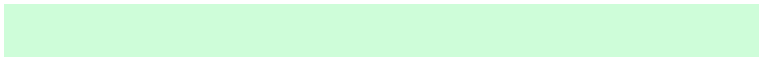
■ 46.9461, 76.0024,
70.4659

■ 46.7460, 75.9144,
69.7717

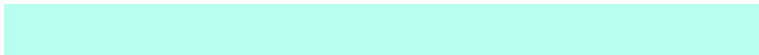
Harmonies

Analogous

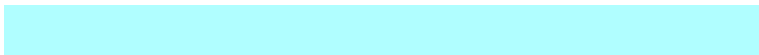
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8860, 88.0612, 78.9389



71.4043, 88.0612, 96.4532



73.0671, 88.0612, 116.2103

Triad

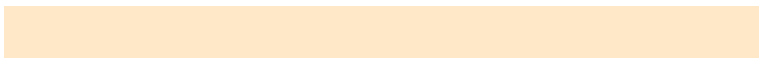
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4043, 88.0612, 96.4532



90.5249, 88.0612, 131.3772



90.1631, 88.0612, 66.9900

Complementary

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



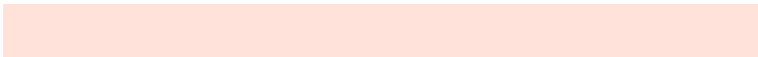
71.4043, 88.0612, 96.4532



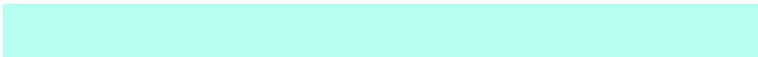
68.5742, 59.6193, 61.3200

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.



95.3164, 88.0612, 78.0772



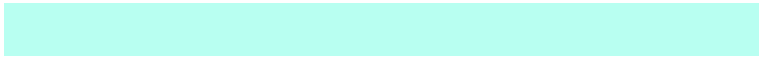
71.4043, 88.0612, 96.4532



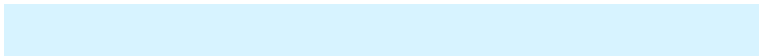
95.5330, 88.0612, 115.0948

Square

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



71.4043, 88.0612, 96.4532



83.8982, 88.0612, 137.9655



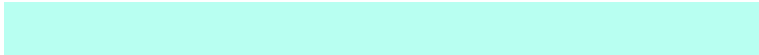
97.3309, 88.0612, 95.3164



83.5012, 88.0612, 63.3683

Rectangle

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



71.4043, 88.0612, 96.4532



75.7895, 88.0612, 127.6395



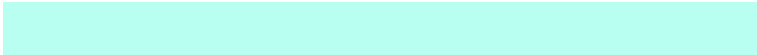
97.3309, 88.0612, 95.3164



92.1417, 88.0612, 69.8869

Sweetspot

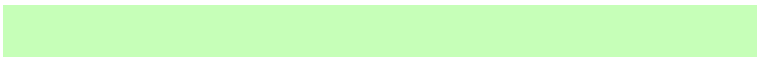
The Sweet Spot groups the original color and five complimentary colors.



71.4052, 88.0617, 96.4547



87.2981, 96.0778, 105.1922



67.7540, 87.0140, 58.5732



18.3923, 20.4164, 22.3688



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

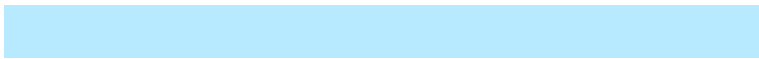
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4052, 88.0617, 96.4547



68.0147, 86.3582, 94.2881



67.1555, 76.0861, 105.7544



18.3923, 20.4164, 22.3688



24.4800, 39.6886, 36.7428



2.4209, 3.8793, 3.7741

Inverse Universe

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



68.5742, 59.6193, 61.3200



64.7916, 53.9360, 54.2576



71.7956, 68.5280, 54.7920



18.1557, 18.0456, 19.4373



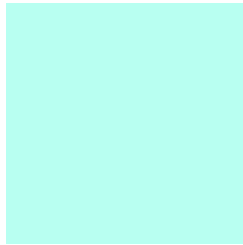
21.8939, 11.2469, 2.8260



2.1680, 1.1096, 0.4663

Previews

White Background



This preview shows how the XYZ color 71.4043, 88.0612, 96.4532 looks on a white background.

Color Contrast Check

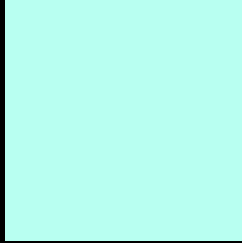
Large Text (above 18pt) WCAG AA × Fail

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 71.4043, 88.0612, 96.4532 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

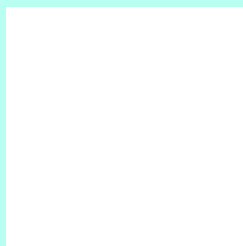
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4043, 88.0612, 96.4532

Background



This preview shows how black text looks on a background with the XYZ color 71.4043, 88.0612, 96.4532.



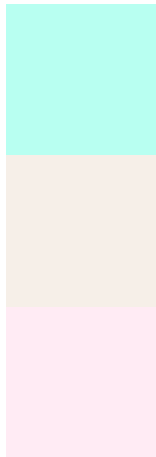
This preview shows how white text looks on a background with the XYZ color 71.4043, 88.0612,

96.4532.

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

71.4043, 88.0612, 96.4532

Protanopia

83.4380, 87.1520, 88.7683

Deuteranopia

87.2775, 87.2083, 97.8208



Tritanopia

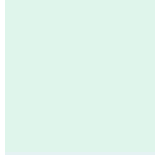
79.9158, 87.5849, 107.3013

Trichromacy



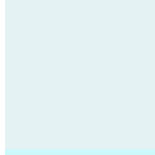
Original Color

71.4043, 88.0612, 96.4532



Protanomaly

78.0792, 86.9909, 91.2730



Deuteranomaly

80.2429, 86.6333, 97.2867



Tritanomaly

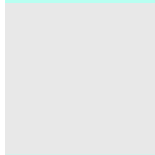
76.5846, 87.7753, 103.3484

Monochromacy



Original Color

71.4043, 88.0612, 96.4532



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.1798, 82.7654, 90.6629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4043, 88.0612, 96.4532 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(184, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 241)  
}
```

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(184, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 241) }
```

Border

The CSS property to change the border of an element to XYZ 71.4043, 88.0612, 96.4532 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(184, 255, 241) }
```


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

```
.border{ border-color:rgb(184, 255, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4043, 88.0612, 96.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 241) }
```

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

```
.background{ background-color: rgb(184,  
255, 241) }
```

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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