

Converting Colors

XYZ(121.6243, 187.5325,
119.0033)

Have a look what the booklet for
XYZ(121.6243, 187.5325, 119.0033)
contains.

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Color

**XYZ(72.1503, 88.3046,
102.8643)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFF9
RGB	182, 255, 249
RGB Percent	71%, 100%, 98%
CMY	0.2863, 0.0000, 0.0235
CMYK	0.29, 0.00, 0.02, 0.00
HSL	175°, 100%, 86%
HSV	175°, 29%, 100%
XYZ	72.1503, 88.3046, 102.8643
YIQ	232.4890, -41.5820, -17.3420

Conversions

Conversions Part 2

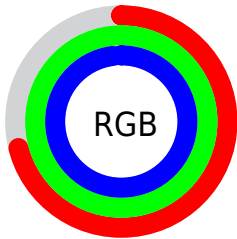
Format	Color
R_{YB}	182, 220, 255
Decimal	11993081
CIE _{Lab}	95.29, -23.58, -4.37
CIE _{LCh}	95, 23.985, 190.491
Yxy	88.3046, 0.2740, 0.3354
Android (android.graphics.Color)	4290183161 (0xFFB6FFF9)
YUV	232.4890, 8.1399, -44.2789
Hunter-Lab	93.9705, -27.3966, 0.8779

Details

The XYZ color **72.1503, 88.3046, 102.8643** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.0459, 58.3482, 55.3064**, and the grayscale version is **77.0313, 81.0430, 88.2558**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **38.5721, 48.7504, 57.8289** is the 20% darker color. If you saturate the color by 10%, you get **66.3420, 85.3479, 100.8972**, and if you desaturate by 10%, it is **79.0609, 91.8292, 104.9050**.

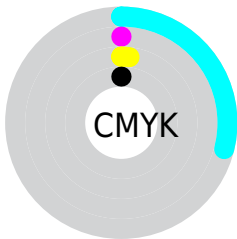
Distribution



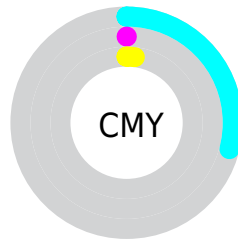
- Red (71%)
- Green (100%)
- Blue (98%)



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



- Cyan (29%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1503, 88.3046, 102.8643 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 72.1503, 88.3046, 102.8643 by changing the saturation by 10% instead.


 72.1503, 88.3046,
102.8643

 72.1503, 88.3046,
102.8643


457.2141,
522.5002, 590.6623

 53.5674, 66.5754,
78.0646


 121.2798,
144.9812, 167.1739

 38.4852, 48.7396,
57.6103


152.5572,
180.6972, 207.5210

 26.5384, 34.4130,
41.0828


188.7966,
221.8444, 253.8876

 17.3616, 23.2110,
28.0636

230.3637,
268.8071, 306.6922

 10.5896, 14.7494,
18.1342

277.6236,
321.9696, 366.3535

 5.8568, 8.6437,
10.8759

330.9417,

 2.7980, 4.5095,

381.7163, 433.2899

5.8703

390.6834,
448.4318, 507.9200

■ 1.0479, 1.9625,
2.6989

■ 0.0000, 0.5855,
0.9429

■ 72.1503, 88.3046,
102.8643

■ 72.1503, 88.3046,
102.8643

■ 66.3420, 85.3479,
100.8972

■ 79.0609, 91.8292,
104.9050


■ 61.5732, 82.9266,
98.9962


■ 87.1257, 95.9483,
107.0172


■ 57.7797, 81.0077,
97.1598


95.0500, 100.0000,
108.9000

■ 54.8891, 79.5538,
95.3845

 52.8184, 78.5222,
93.6664

 51.4696, 77.8624,
92.0007

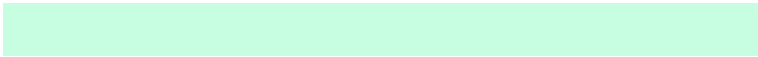
 50.7032, 77.5024,
90.3810

 50.6179, 77.4632,
90.1609

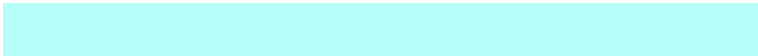
Harmonies

Analogous

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



72.6145, 88.3046, 84.6033



72.1503, 88.3046, 102.8643



74.7158, 88.3046, 121.5124

Triad

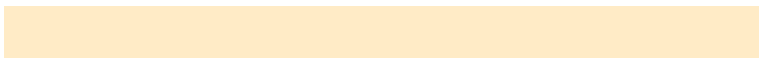
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.1503, 88.3046, 102.8643



92.3740, 88.3046, 126.2588



88.2059, 88.3046, 66.0099

Complementary

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



72.1503, 88.3046, 102.8643



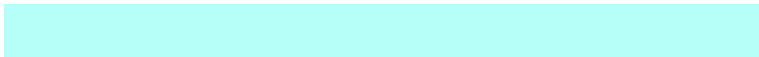
67.0459, 58.3482, 55.3064

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.



93.8741, 88.3046, 74.5855



72.1503, 88.3046, 102.8643



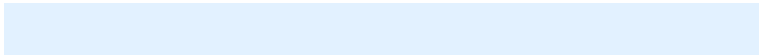
96.3658, 88.3046, 108.6994

Square

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



72.1503, 88.3046, 102.8643



86.2441, 88.3046, 136.1379



96.9287, 88.3046, 89.7319



81.6594, 88.3046, 64.8746

Rectangle

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



72.1503, 88.3046, 102.8643



77.8812, 88.3046, 131.0646



96.9287, 88.3046, 89.7319



90.2860, 88.3046, 68.0598

Sweetspot

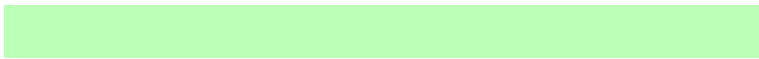
The Sweet Spot groups the original color and five complimentary colors.



72.1514, 88.3052, 102.8658



86.8028, 95.7833, 106.9369



64.9642, 85.5999, 57.3562



18.3138, 20.3659, 22.8222



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

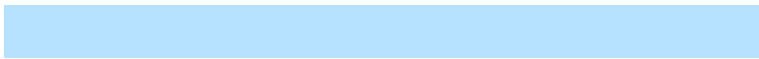
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1514, 88.3052, 102.8658



68.8964, 86.6474, 101.7993



64.1553, 70.7917, 104.8906



18.4867, 20.4542, 22.8657



26.4759, 40.4869, 47.2527



2.5961, 3.9494, 4.6970

Inverse Universe

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



67.0459, 58.3482, 55.3064



63.0777, 52.4880, 47.5829



73.3321, 71.9341, 54.2774



18.0699, 18.0113, 18.9855



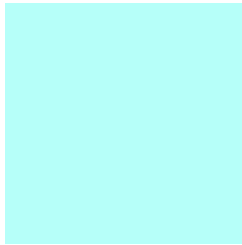
21.6402, 11.1454, 1.4898



2.1268, 1.0931, 0.2493

Previews

White Background



This preview shows how the XYZ color 72.1503, 88.3046, 102.8643 looks on a white background.

Color Contrast Check

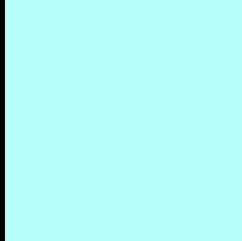
Large Text (above 18pt) WCAG AA × Fail

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 72.1503, 88.3046, 102.8643 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 72.1503, 88.3046, 102.8643

Background



This preview shows how black text looks on a background with the XYZ color 72.1503, 88.3046, 102.8643.

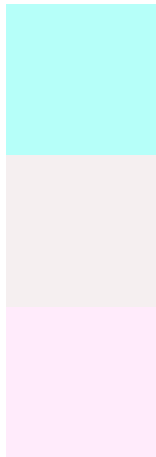


This preview shows how white text looks on a background with the XYZ color 72.1503, 88.3046,

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

72.1503, 88.3046, 102.8643

Protanopia

84.2509, 87.4368, 94.8746

Deuteranopia

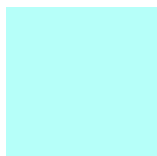
88.3609, 87.6417, 103.5262



Tritanopia

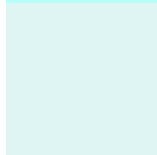
80.2192, 88.1916, 107.4024

Trichromacy



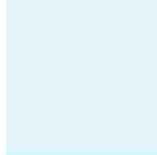
Original Color

72.1503, 88.3046, 102.8643



Protanomaly

78.9543, 87.3055, 97.4843



Deuteranomaly

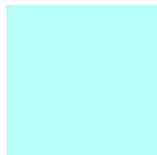
81.0024, 86.9004, 102.9466



Tritanomaly

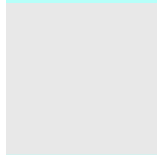
77.0589, 87.9650, 105.8460

Monochromacy



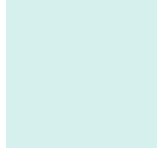
Original Color

72.1503, 88.3046, 102.8643



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.3243, 82.7894, 92.9516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1503, 88.3046, 102.8643 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(182, 255, 249)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 249)  
}
```

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(182, 255, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 249) }
```

Border

The CSS property to change the border of an element to XYZ 72.1503, 88.3046, 102.8643 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(182, 255, 249) }
```


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

```
.border{ border-color:rgb(182, 255, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 249);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1503, 88.3046, 102.8643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 249) }
```

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

```
.background{ background-color: rgb(182,  
255, 249) }
```

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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