

Converting Colors

XYZ(83.4352, 100.0000,
103.9891)

Have a look what the booklet for
XYZ(83.4352, 100.0000, 103.9891)
contains.

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Color

**XYZ(79.5672, 92.1462,
102.3993)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | D3FFF8 |
| RGB | 211, 255, 248 |
| RGB Percent | 83%, 100%, 97% |
| CMY | 0.1725, 0.0000, 0.0274 |
| CMYK | 0.17, 0.00, 0.03, 0.00 |
| HSL | 170°, 100%, 91% |
| HSV | 170°, 17%, 100% |
| XYZ | 79.5672, 92.1462, 102.3993 |
| YIQ | 241.0460, -23.9770, -11.5050 |

Conversions

Conversions Part 2

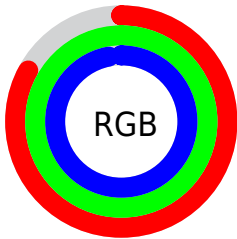
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 211, 235, 255 |
| Decimal | 13893624 |
| CIE _{Lab} | 96.88, -15.32, -1.33 |
| CIE _{LCh} | 97, 15.377, 184.954 |
| Yxy | 92.1462, 0.2903, 0.3362 |
| Android (android.graphics.Color) | 4292083704 (0xFFD3FFF8) |
| YUV | 241.0460, 3.4283, -26.3503 |
| Hunter-Lab | 95.9928, -20.0311, 3.9480 |

Details

The XYZ color **79.5672, 92.1462, 102.3993** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.1897, 72.9116, 76.3349**, and the grayscale version is **83.6324, 87.9878, 95.8187**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4188, 51.2619, 57.4753** is the 20% darker color. If you saturate the color by 10%, you get **72.2099, 88.4252, 98.8068**, and if you desaturate by 10%, it is **88.0989, 96.4709, 106.1209**.

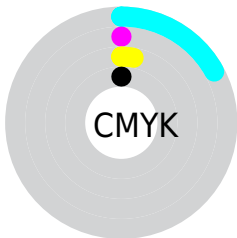
Distribution



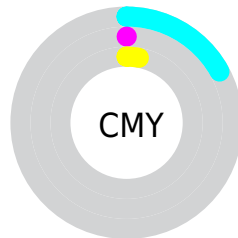
- Red (83%)
- Green (100%)
- Blue (97%)



- Red (83%)
- Yellow (92%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5672, 92.1462, 102.3993 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 79.5672, 92.1462, 102.3993 by changing the saturation by 10% instead.

79.5672, 92.1462,
102.3993

79.5672, 92.1462,
102.3993

482.2319,
534.9879, 589.1702

59.6695, 69.7621,
77.6778

131.7108,
150.3160, 166.5310

43.4007, 51.3326,
57.2945

164.6874,
186.8705, 206.7783

30.3956, 36.4734,
40.8308

202.7544,
228.9172, 253.0380

20.2886, 24.8000,
27.8682

246.2770,
276.8405, 305.7285

12.7145, 15.9281,
17.9881

295.6207,
331.0248, 365.2684

7.3079, 9.4733,
10.7721

351.1509,

3.7034, 5.0512,

391.8546, 432.0763

5.8016

413.2328,
459.7141, 506.5708

■ 1.5357, 2.2773,
2.6580

■ 0.3500, 0.7617,
0.9222

■ 79.5672, 92.1462,
102.3993

■ 79.5672, 92.1462,
102.3993

■ 72.2099, 88.4252,
98.8068

■ 88.0989, 96.4709,
106.1209

■ 65.9694, 85.2785,
95.3358

95.0500, 100.0000,
108.9000

■ 60.7879, 82.6762,
91.9847

■ 56.6009, 80.5849,
88.7499

■ 53.3368, 78.9679,
85.6278

■ 50.9143, 77.7833,
82.6140

■ 49.2380, 76.9818,
79.7036

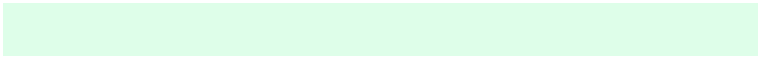
■ 48.1847, 76.5000,
76.8903

■ 47.9539, 76.3976,
76.1324

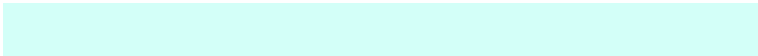
Harmonies

Analogous

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



80.2726, 92.1462, 90.5969



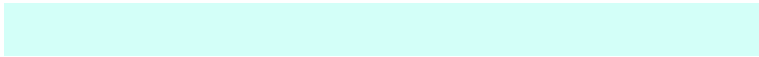
79.5672, 92.1462, 102.3993



80.9511, 92.1462, 114.5824

Triad

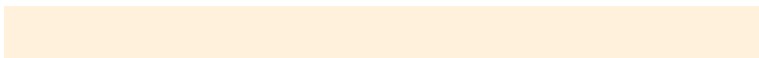
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5672, 92.1462, 102.3993



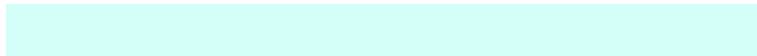
92.4262, 92.1462, 121.1124



91.1448, 92.1462, 80.2918

Complementary

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



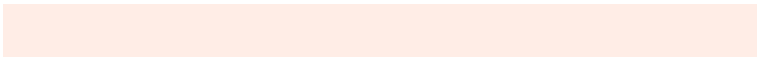
79.5672, 92.1462, 102.3993



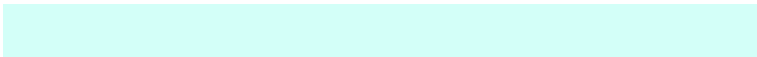
77.1897, 72.9116, 76.3349

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.



94.5659, 92.1462, 87.3142



79.5672, 92.1462, 102.3993



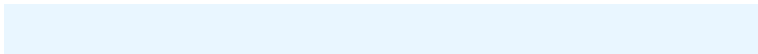
95.3226, 92.1462, 110.7397

Square

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



79.5672, 92.1462, 102.3993



88.3013, 92.1462, 125.9379



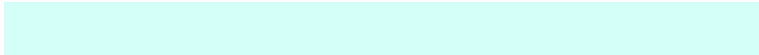
96.1181, 92.1462, 98.2918



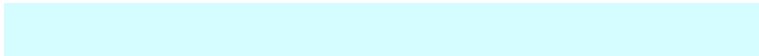
86.8671, 92.1462, 78.4550

Rectangle

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



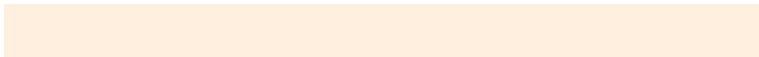
79.5672, 92.1462, 102.3993



82.8999, 92.1462, 121.0877



96.1181, 92.1462, 98.2918



92.4375, 92.1462, 82.0942

Sweetspot

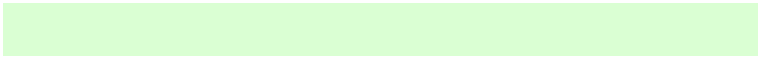
The Sweet Spot groups the original color and five complimentary colors.



79.5681, 92.1466, 102.4008



90.1890, 97.5316, 106.9771



76.5319, 91.1804, 75.1953



19.1633, 20.8043, 22.8402



0.0000, 0.0000, 0.0000



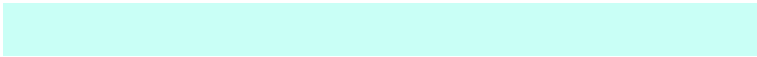
20.3446, 21.4041, 23.3091

Same Dimension

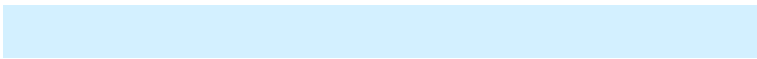
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5681, 92.1466, 102.4008



76.6773, 90.6835, 101.0399



76.1731, 83.5862, 106.7267



18.4234, 20.4289, 22.5327



25.1034, 39.9380, 40.0255



2.4761, 3.9014, 4.0647

Inverse Universe

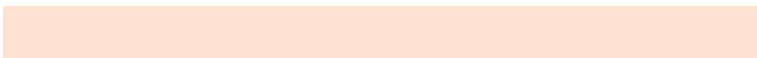
The Inverse Universe completely reimagines the original color for something new.



77.1897, 72.9116, 76.3349



73.8605, 67.8949, 70.1637



80.1043, 80.1756, 72.8829



18.1272, 18.0342, 19.2868



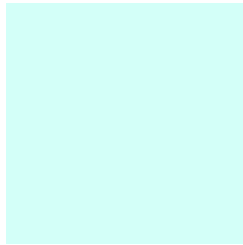
21.7885, 11.2047, 2.2709



2.1537, 1.1038, 0.3907

Previews

White Background



This preview shows how the XYZ color 79.5672, 92.1462, 102.3993 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 79.5672, 92.1462, 102.3993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

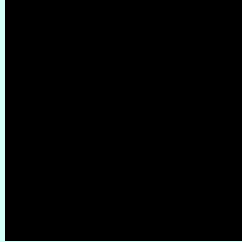
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

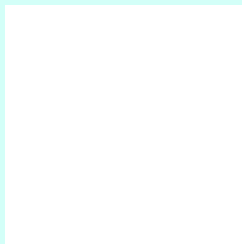
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5672, 92.1462, 102.3993

Background



This preview shows how black text looks on a background with the XYZ color 79.5672, 92.1462, 102.3993.

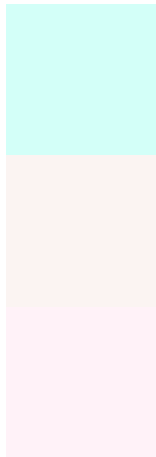


This preview shows how white text looks on a background with the XYZ color 79.5672, 92.1462,

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

79.5672, 92.1462, 102.3993

Protanopia

88.1614, 91.6214, 97.0425

Deuteranopia

89.9354, 91.5416, 101.7361



Tritanopia

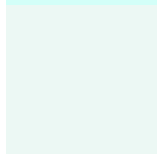
85.8784, 92.0170, 107.8425

Trichromacy



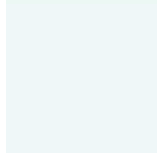
Original Color

79.5672, 92.1462, 102.3993



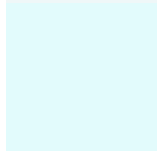
Protanomaly

84.4886, 91.4993, 98.7961



Deuteranomaly

85.8006, 91.6496, 101.9749



Tritanomaly

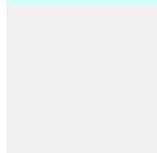
83.4319, 92.1914, 105.4928

Monochromacy



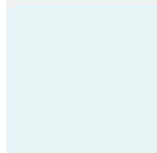
Original Color

79.5672, 92.1462, 102.3993



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.9180, 89.2662, 98.5005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5672, 92.1462, 102.3993 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(211, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 248)  
}
```

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(211, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 79.5672, 92.1462, 102.3993 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(211, 255, 248) }
```


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

```
.border{ border-color:rgb(211, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5672, 92.1462, 102.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 248) }
```

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

```
.background{ background-color: rgb(211,  
255, 248) }
```

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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