

Converting Colors

XYZ(79.7448, 92.2388,
102.3604)

Have a look what the booklet for
XYZ(79.7448, 92.2388, 102.3604)
contains.

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Color

**XYZ(79.8547, 92.2944,
102.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FFF8
RGB	212, 255, 248
RGB Percent	83%, 100%, 97%
CMY	0.1686, 0.0000, 0.0274
CMYK	0.17, 0.00, 0.03, 0.00
HSL	170°, 100%, 92%
HSV	170°, 17%, 100%
XYZ	79.8547, 92.2944, 102.4127
YIQ	241.3450, -23.3810, -11.2930

Conversions

Conversions Part 2

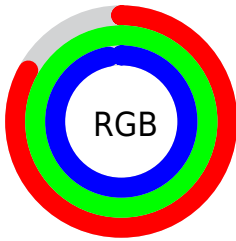
Format	Color
R _Y B	212, 235, 255
Decimal	13959160
CIE Lab	96.94, -15.01, -1.23
CIE LCh	97, 15.064, 184.692
Yxy	92.2944, 0.2908, 0.3362
Android (android.graphics.Color)	4292149240 (0xFFD4FFF8)
YUV	241.3450, 3.2809, -25.7356
Hunter-Lab	96.0700, -19.7508, 4.0445

Details

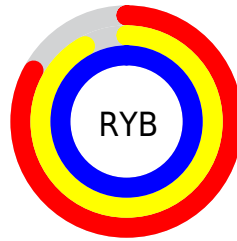
The XYZ color **79.8547, 92.2944, 102.4127** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.5704, 73.4627, 77.1097**, and the grayscale version is **83.8687, 88.2364, 96.0895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6131, 51.3620, 57.4844** is the 20% darker color. If you saturate the color by 10%, you get **72.4386, 88.5448, 98.7426**, and if you desaturate by 10%, it is **88.4479, 96.6491, 106.2153**.

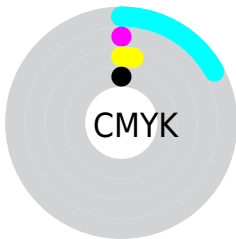
Distribution



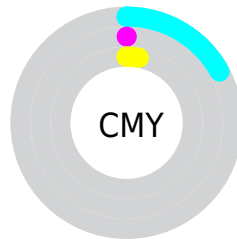
- Red (83%)
- Green (100%)
- Blue (97%)



- 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 79.8547, 92.2944, 102.4127 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 79.8547, 92.2944, 102.4127 by changing the saturation by 10% instead.

 79.8547, 92.2944,
102.4127

 79.8547, 92.2944,
102.4127

483.1870,
535.4665, 589.2132

 59.9068, 69.8852,
77.6889


132.1130,
150.5214, 166.5496

 43.5927, 51.4329,
57.3035


165.1542,
187.1079, 206.7997

 30.5470, 36.5533,
40.8380


203.2906,
229.1890, 253.0625

 20.4043, 24.8618,
27.8738

246.8874,
277.1490, 305.7563

 12.7992, 15.9741,
17.9923

296.3101,
331.3724, 365.2997

 7.3665, 9.5058,
10.7751

351.9241,

 3.7407, 5.0726,

392.2435, 432.1113

5.8035

414.0946,
460.1467, 506.6097

■ 1.5565, 2.2899,
2.6591

■ 0.3638, 0.7684,
0.9228

■ 79.8547, 92.2944,
102.4127

■ 79.8547, 92.2944,
102.4127

■ 72.4386, 88.5448,
98.7426

■ 88.4479, 96.6491,
106.2153

■ 66.1422, 85.3708,
95.1976

95.0500, 100.0000,
108.9000

■ 60.9078, 82.7427,
91.7758

■ 56.6711, 80.6273,
88.4738

■ 53.3610, 78.9880,
85.2878

■ 50.8965, 77.7830,
82.2135

■ 49.1829, 76.9635,
79.2460

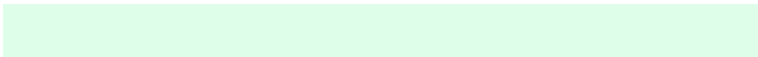
■ 48.1001, 76.4676,
76.3791

■ 47.8334, 76.3493,
75.4974

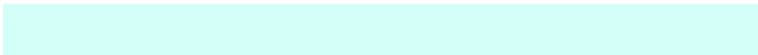
Harmonies

Analogous

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



80.5653, 92.2944, 90.8492



79.8547, 92.2944, 102.4127



81.1963, 92.2944, 114.3600

Triad

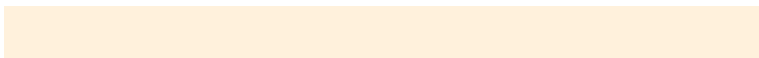
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.8547, 92.2944, 102.4127



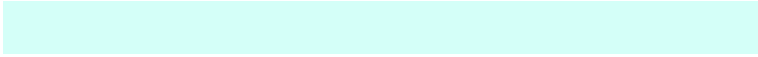
92.4401, 92.2944, 120.9144



91.2505, 92.2944, 80.8494

Complementary

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



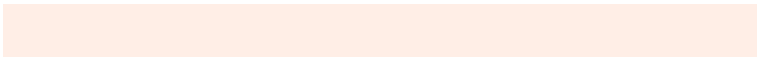
79.8547, 92.2944, 102.4127



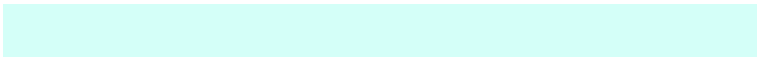
77.5704, 73.4627, 77.1097

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.



94.5905, 92.2944, 87.7947



79.8547, 92.2944, 102.4127



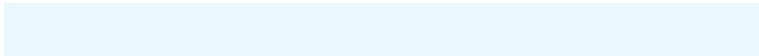
95.2927, 92.2944, 110.7961

Square

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



79.8547, 92.2944, 102.4127



88.3909, 92.2944, 125.5749



96.0920, 92.2944, 98.5973



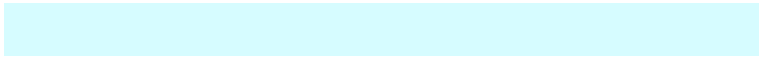
87.0586, 92.2944, 78.9951

Rectangle

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



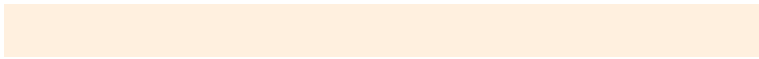
79.8547, 92.2944, 102.4127



83.1001, 92.2944, 120.7517



96.0920, 92.2944, 98.5973



92.5144, 92.2944, 82.6370

Sweetspot

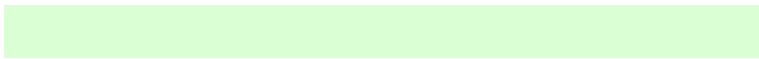
The Sweet Spot groups the original color and five complimentary colors.



79.8556, 92.2948, 102.4142



90.1815, 97.5286, 106.9375



76.9082, 91.3598, 75.8697



19.1614, 20.8035, 22.8306



0.0000, 0.0000, 0.0000



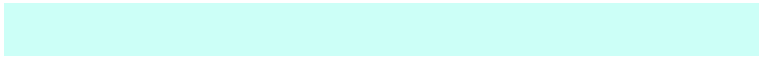
20.3446, 21.4041, 23.3091

Same Dimension

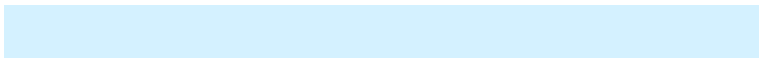
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8556, 92.2948, 102.4142



77.4040, 91.0542, 101.2482



76.5591, 83.9313, 106.7730



18.4204, 20.4277, 22.5167



25.0412, 39.9131, 39.6980



2.4706, 3.8992, 4.0359

Inverse Universe

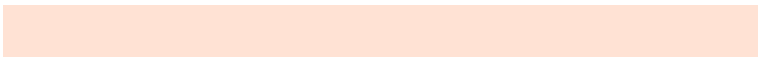
The Inverse Universe completely reimagines the original color for something new.



77.5704, 73.4627, 77.1097



74.7545, 69.2144, 71.9062



80.4115, 80.5887, 73.6060



18.1299, 18.0353, 19.3014



21.7978, 11.2084, 2.3197



2.1550, 1.1044, 0.3976

Previews

White Background



This preview shows how the XYZ color 79.8547, 92.2944, 102.4127 looks on a white background.

Color Contrast Check

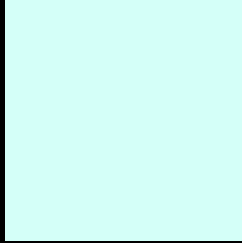
Large Text (above 18pt) WCAG AA × Fail

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 79.8547, 92.2944, 102.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

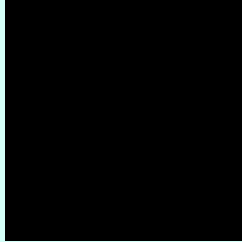
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

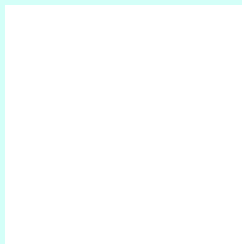
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.8547, 92.2944, 102.4127

Background



This preview shows how black text looks on a background with the XYZ color 79.8547, 92.2944, 102.4127.

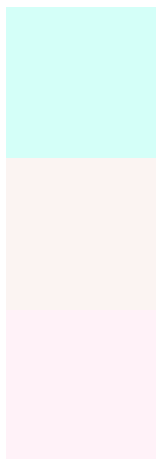


This preview shows how white text looks on a background with the XYZ color 79.8547, 92.2944,

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

79.8547, 92.2944, 102.4127

Protanopia

88.1614, 91.6214, 97.0425

Deuteranopia

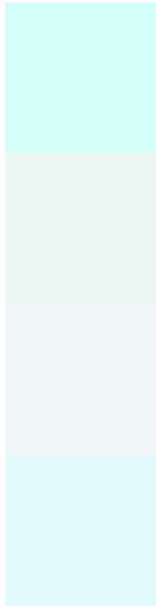
89.9354, 91.5416, 101.7361



Tritanopia

86.2095, 92.1877, 107.8580

Trichromacy



Original Color

79.8547, 92.2944, 102.4127

Protanomaly

84.8216, 91.6710, 98.8116

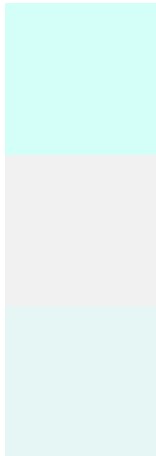
Deuteranomaly

85.8006, 91.6496, 101.9749

Tritanomaly

83.7464, 92.3535, 105.5076

Monochromacy



Original Color

79.8547, 92.2944, 102.4127

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 79.8547, 92.2944, 102.4127 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(212, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 79.8547, 92.2944, 102.4127 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(212, 255, 248) }
```


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

```
.border{ border-color:rgb(212, 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(212, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8547, 92.2944, 102.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 248) }
```

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

```
.background{ background-color: rgb(212,  
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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