

Converting Colors

XYZ(79.4102, 92.2515, 93.9770)

Have a look what the booklet for
XYZ(79.4102, 92.2515, 93.9770)
contains.

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Color

**XYZ(79.3650, 92.2334,
93.7406)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FFED
RGB	216, 255, 237
RGB Percent	85%, 100%, 93%
CMY	0.1529, 0.0000, 0.0706
CMYK	0.15, 0.00, 0.07, 0.00
HSL	152°, 100%, 92%
HSV	152°, 15%, 100%
XYZ	79.3650, 92.2334, 93.7406
YIQ	241.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

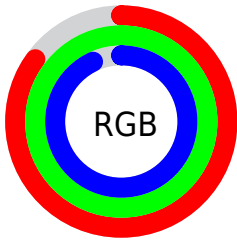
Format	Color
R _Y B	216, 241, 255
Decimal	14221293
CIE Lab	96.92, -15.87, 4.42
CIE LCh	97, 16.476, 164.439
Yxy	92.2334, 0.2991, 0.3476
Android (android.graphics.Color)	4292411373 (0xFFD8FFED)
YUV	241.2870, -2.1135, -22.1767
Hunter-Lab	96.0382, -20.5563, 9.3552

Details

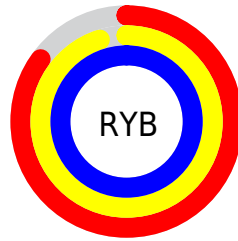
The XYZ color **79.3650, 92.2334, 93.7406** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.6477, 76.3133, 88.3214**, and the grayscale version is **83.8608, 88.2280, 96.0803**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2325, 51.3014, 51.3396** is the 20% darker color. If you saturate the color by 10%, you get **70.7433, 87.9809, 84.6545**, and if you desaturate by 10%, it is **89.2703, 97.1345, 103.4787**.

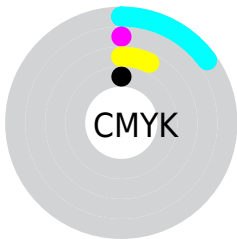
Distribution



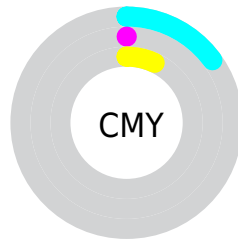
- Red (85%)
- Green (100%)
- Blue (93%)



- Red (85%)
- Yellow (95%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3650, 92.2334, 93.7406 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 79.3650, 92.2334, 93.7406 by changing the saturation by 10% instead.


 79.3650, 92.2334,
93.7406

 79.3650, 92.2334,
93.7406


481.5594,
535.2695, 561.0063

 59.5026, 69.8345,
70.4961

131.4278,
150.4368, 154.5041

 43.2658, 51.3916,
51.4518

164.3589,
187.0102, 192.8602

 30.2891, 36.5204,
36.1891


202.3770,
229.0771, 237.0907

 20.2073, 24.8364,
24.2894

245.8475,
277.0220, 287.6139

 12.6550, 15.9552,
15.3343

295.1356,
331.2293, 344.8486

 7.2667, 9.4924,
8.9051

350.6067,

 3.6773, 5.0638,

392.0834, 409.2132

4.5834

412.6262,
459.9687, 481.1262

■ 1.5212, 2.2847,
1.9505

■ 0.3402, 0.7656,
0.5246

■ 79.3650, 92.2334,
93.7406

■ 79.3650, 92.2334,
93.7406

■ 70.7433, 87.9809,
84.6545

■ 89.2703, 97.1345,
103.4787

■ 63.3468, 84.3473,
76.2024

95.0500, 100.0000,
108.9000

■ 57.1162, 81.3022,
68.3711

■ 51.9860, 78.8121,
61.1459

■ 47.8840, 76.8400,
54.5110

■ 44.7288, 75.3443,
48.4498

■ 42.4257, 74.2765,
42.9447

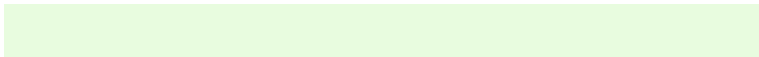
■ 40.8584, 73.5769,
37.9765

■ 40.2979, 73.3352,
35.8163

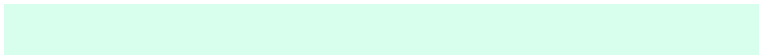
Harmonies

Analogous

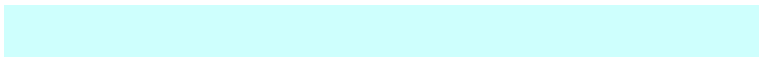
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5781, 92.2334, 83.2992



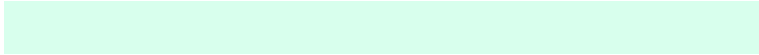
79.3650, 92.2334, 93.7406



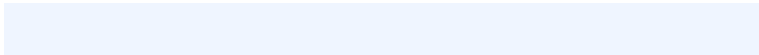
79.3228, 92.2334, 106.9196

Triad

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



79.3650, 92.2334, 93.7406



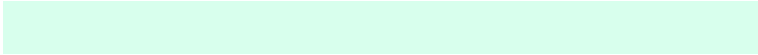
89.9039, 92.2334, 127.1978



94.1767, 92.2334, 83.6111

Complementary

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



79.3650, 92.2334, 93.7406



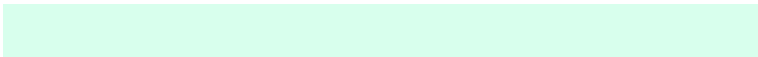
80.6477, 76.3133, 88.3214

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.



96.5727, 92.2334, 94.2018



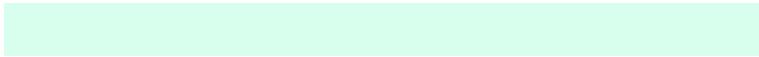
79.3650, 92.2334, 93.7406



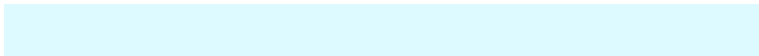
94.0475, 92.2334, 119.7539

Square

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



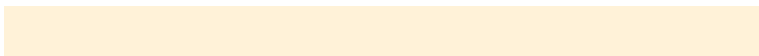
79.3650, 92.2334, 93.7406



85.2984, 92.2334, 127.0467



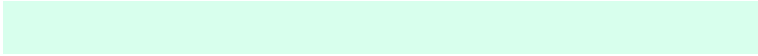
96.5246, 92.2334, 107.4230



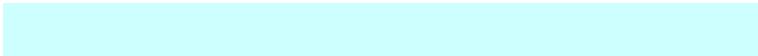
90.0752, 92.2334, 77.8115

Rectangle

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



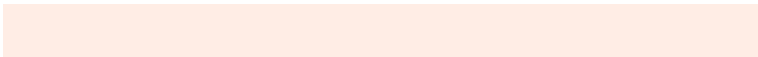
79.3650, 92.2334, 93.7406



80.5256, 92.2334, 115.5475



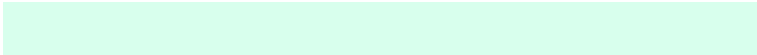
96.5246, 92.2334, 107.4230



95.2146, 92.2334, 86.6858

Sweetspot

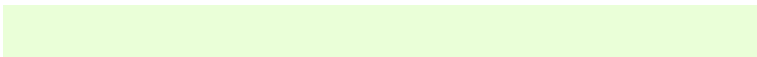
The Sweet Spot groups the original color and five complimentary colors.



79.3658, 92.2338, 93.7421



89.5808, 97.2883, 103.7743



82.1527, 94.0045, 78.7819



19.0152, 20.7450, 22.0606



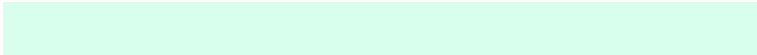
0.0000, 0.0000, 0.0000



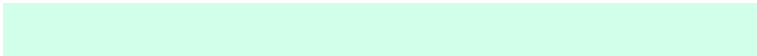
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3658, 92.2338, 93.7421



76.9077, 91.0199, 91.2189



81.7162, 92.5126, 108.1576



18.1806, 20.3318, 21.2540



21.1328, 38.3497, 19.1165



2.1128, 3.7561, 2.1520

Inverse Universe

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



80.6477, 76.3133, 88.3214



78.3878, 72.6391, 84.9611



78.5257, 75.9995, 75.4977



18.3581, 18.1266, 20.5030



23.3212, 11.8178, 10.3420



2.3252, 1.1724, 1.2937

Previews

White Background



This preview shows how the XYZ color 79.3650, 92.2334, 93.7406 looks on a white background.

Color Contrast Check

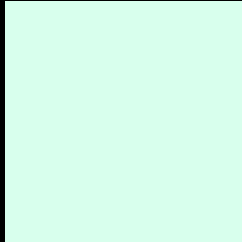
Large Text (above 18pt) WCAG AA × Fail

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 79.3650, 92.2334, 93.7406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

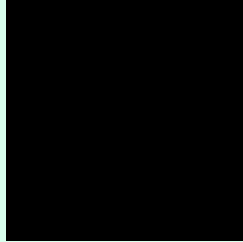
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

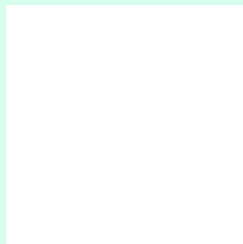
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3650, 92.2334, 93.7406

Background



This preview shows how black text looks on a background with the XYZ color 79.3650, 92.2334, 93.7406.



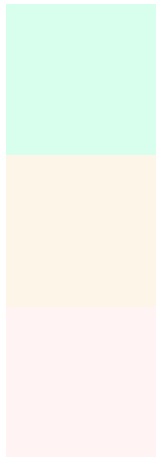
This preview shows how white text looks on a background with the XYZ color 79.3650, 92.2334,

93.7406.

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

79.3650, 92.2334, 93.7406

Protanopia

87.5842, 91.9570, 88.7346

Deuteranopia

89.6197, 91.8928, 98.6016



Tritanopia

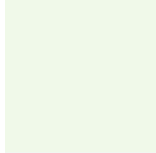
86.2358, 91.7461, 107.7714

Trichromacy



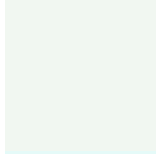
Original Color

79.3650, 92.2334, 93.7406



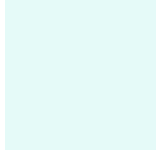
Protanomaly

84.5188, 92.1598, 90.4248



Deuteranomaly

85.4136, 91.5732, 96.3927



Tritanomaly

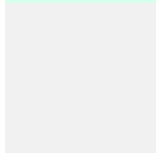
83.4420, 91.8065, 102.1295

Monochromacy



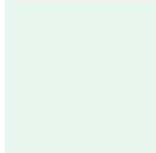
Original Color

79.3650, 92.2334, 93.7406



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.9627, 89.3586, 95.3661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3650, 92.2334, 93.7406 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(216, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 237)  
}
```

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(216, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 237) }
```

Border

The CSS property to change the border of an element to XYZ 79.3650, 92.2334, 93.7406 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(216, 255, 237) }
```


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

```
.border{ border-color:rgb(216, 255, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 255, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3650, 92.2334, 93.7406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 237) }
```

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

```
.background{ background-color: rgb(216,  
255, 237) }
```

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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