

Converting Colors

XYZ(79.1060, 88.2518, 95.3881)

Have a look what the booklet for
XYZ(79.1060, 88.2518, 95.3881)
contains.

XYZ(79.1131, 88.3424, 95.3202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.1131, 88.3424,
95.3202)**

Conversions

Conversions Part 1

Format	Color
Hex	DEF7F0
RGB	222, 247, 240
RGB Percent	87%, 97%, 94%
CMY	0.1294, 0.0314, 0.0588
CMYK	0.10, 0.00, 0.03, 0.03
HSL	163°, 61%, 92%
HSV	163°, 10%, 97%
XYZ	79.1131, 88.3424, 95.3202
YIQ	238.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

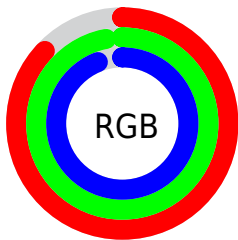
Format	Color
R_{YB}	222, 237, 247
Decimal	14612464
CIE Lab	95.30, -9.43, 0.58
CIE LCh	95, 9.446, 176.479
Yxy	88.3424, 0.3011, 0.3362
Android (android.graphics.Color)	4292802544 (0xFFDEF7F0)
YUV	238.7270, 0.6276, -14.6696
Hunter-Lab	93.9906, -14.2379, 5.6647

Details

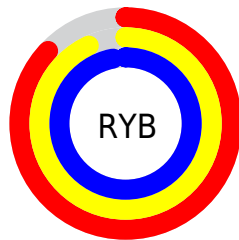
The XYZ color **79.1131, 88.3424, 95.3202** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.6250, 77.6760, 84.9817**, and the grayscale version is **81.8362, 86.0981, 93.7608**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2189, 48.9378, 52.5155** is the 20% darker color. If you saturate the color by 10%, you get **71.0872, 84.3238, 89.6825**, and if you desaturate by 10%, it is **88.2915, 92.9554, 101.2201**.

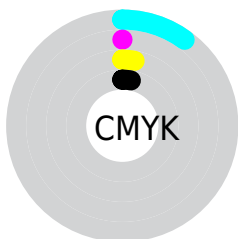
Distribution



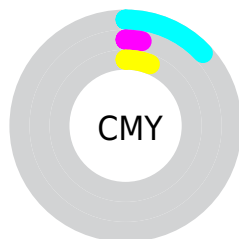
- Red (87%)
- Green (97%)
- Blue (94%)



- Red (87%)
- Yellow (93%)
- Blue (97%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (3%)



- Cyan (13%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1131, 88.3424, 95.3202 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 79.1131, 88.3424, 95.3202 by changing the saturation by 10% instead.

79.1131, 88.3424,
95.3202

79.1131, 88.3424,
95.3202

480.7211,
522.6239, 566.2001

59.2948, 66.6067,
71.8031

131.0752,
145.0338, 156.7063

43.0977, 48.7650,
52.5120

163.9496,
180.7582, 195.4124

30.1567, 34.4331,
37.0283

201.9067,
221.9143, 240.0186

20.1062, 23.2265,
24.9335

245.3120,
268.8865, 290.9435

12.5810, 14.7609,
15.8089

294.5307,
322.0591, 348.6055

7.2156, 8.6517,
9.2362

349.9282,

3.6449, 4.5147,

381.8166, 413.4232

4.7966

411.8699,
448.5434, 485.8152

■ 1.5032, 1.9655,
2.0718

■ 0.3280, 0.5873,
0.5989

■ 79.1131, 88.3424,
95.3202

■ 79.1131, 88.3424,
95.3202

■ 71.0872, 84.3238,
89.6825

■ 88.2915, 92.9554,
101.2201

■ 64.1579, 80.8637,
84.2966

■ 92.3661, 94.9303,
107.0862

■ 58.2757, 77.9389,
79.1597

■ 92.5524, 95.0049,
108.0675

■ 53.3843, 75.5205,
74.2670

■ 49.4222, 73.5769,
69.6132

■ 46.3206, 72.0726,
65.1926

■ 44.0007, 70.9671,
60.9991

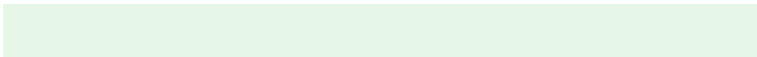
■ 42.3689, 70.2121,
57.0257

■ 41.2801, 69.7319,
53.3077

Harmonies

Analogous

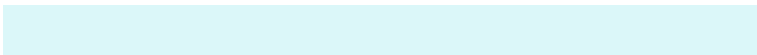
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8995, 88.3424, 88.5570



79.1131, 88.3424, 95.3202



79.6052, 88.3424, 102.6632

Triad

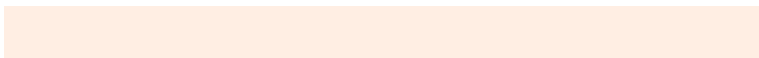
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1131, 88.3424, 95.3202



86.1977, 88.3424, 109.4724



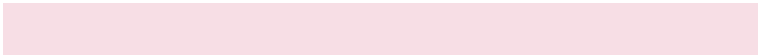
86.7356, 88.3424, 84.8273

Complementary

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



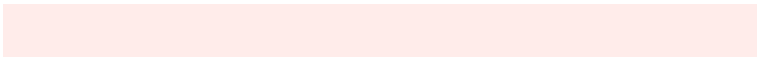
79.1131, 88.3424, 95.3202



78.6250, 77.6760, 84.9817

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.



88.4849, 88.3424, 89.9945



79.1131, 88.3424, 95.3202



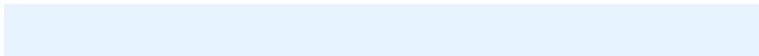
88.1699, 88.3424, 104.2492

Square

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



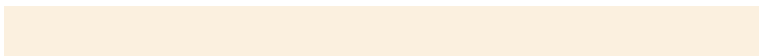
79.1131, 88.3424, 95.3202



83.6626, 88.3424, 111.0752



89.0151, 88.3424, 97.0648



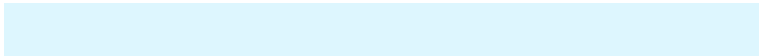
84.2717, 88.3424, 82.6976

Rectangle

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



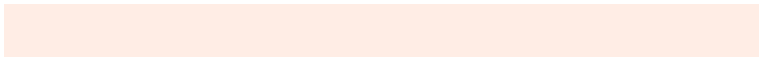
79.1131, 88.3424, 95.3202



80.5976, 88.3424, 106.8617



89.0151, 88.3424, 97.0648



87.4287, 88.3424, 86.2533

Sweetspot

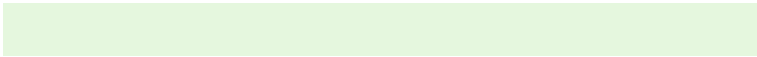
The Sweet Spot groups the original color and five complimentary colors.



79.1156, 88.3461, 95.3222



91.9482, 98.4406, 106.9640



78.7881, 88.4711, 82.0325



19.5074, 20.9833, 22.7849



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

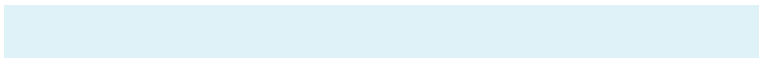
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1156, 88.3461, 95.3222



83.3251, 94.1115, 101.3079



78.5437, 85.5049, 100.3645



16.7871, 18.6740, 20.1635



21.8942, 36.9025, 28.5263



1.9679, 3.2608, 2.7370

Inverse Universe

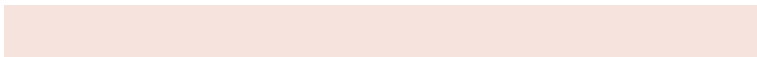
The Inverse Universe completely reimagines the original color for something new.



78.6250, 77.6760, 84.9817



82.7072, 80.6681, 88.2806



79.1286, 80.2169, 80.4213



16.6899, 16.5588, 18.1136



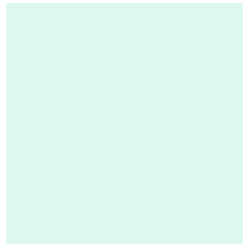
20.9092, 10.7071, 4.2302



1.8797, 0.9579, 0.5930

Previews

White Background



This preview shows how the XYZ color 79.1131, 88.3424, 95.3202 looks on a white background.

Color Contrast Check

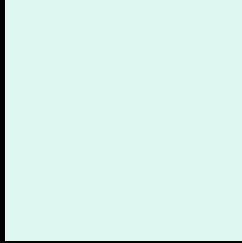
Large Text (above 18pt) WCAG AA × Fail

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 79.1131, 88.3424, 95.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

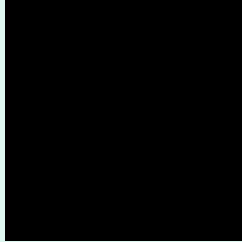
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

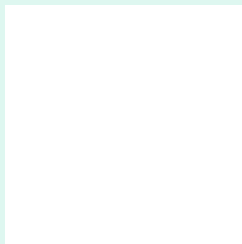
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.1131, 88.3424, 95.3202

Background



This preview shows how black text looks on a background with the XYZ color 79.1131, 88.3424, 95.3202.



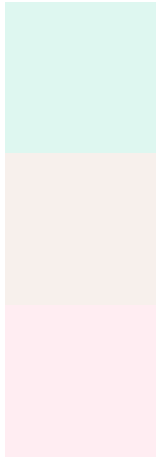
This preview shows how white text looks on a background with the XYZ color 79.1131, 88.3424,

95.3202.

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

79.1131, 88.3424, 95.3202

Protanopia

84.6582, 88.1505, 91.9097

Deuteranopia

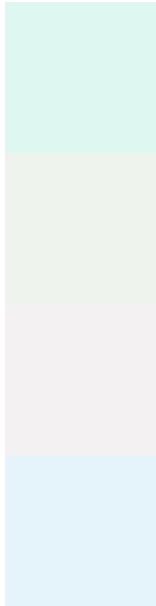
87.5512, 88.2392, 96.4218



Tritanopia

83.3793, 88.4770, 107.2909

Trichromacy



Original Color

79.1131, 88.3424, 95.3202

Protanomaly

82.5965, 88.3928, 92.8290

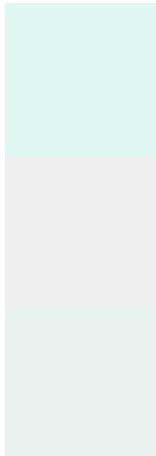
Deuteranomaly

84.2946, 88.3162, 95.8230

Tritanomaly

81.6009, 88.0975, 103.1462

Monochromacy



Original Color

79.1131, 88.3424, 95.3202

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.9364, 87.0599, 94.1998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1131, 88.3424, 95.3202 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(222, 247, 240)` looks like.

```
.text, #text, p{  
    color:rgb(222, 247, 240)  
}
```

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(222, 247, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 247, 240) }
```

Border

The CSS property to change the border of an element to XYZ 79.1131, 88.3424, 95.3202 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(222, 247, 240) }
```


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

```
.border{ border-color:rgb(222, 247, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 247, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(222, 247,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1131, 88.3424, 95.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 247, 240) }
```

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

```
.background{ background-color: rgb(222,  
247, 240) }
```

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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