

Converting Colors

XYZ(79.7490, 89.4064,
103.4908)

Have a look what the booklet for
XYZ(79.7490, 89.4064, 103.4908)
contains.

XYZ(79.7463, 89.4052, 103.4963)	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(79.7463, 89.4052,
103.4963)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F9FA
RGB	217, 249, 250
RGB Percent	85%, 98%, 98%
CMY	0.1490, 0.0235, 0.0196
CMYK	0.13, 0.00, 0.00, 0.02
HSL	182°, 77%, 92%
HSV	182°, 13%, 98%
XYZ	79.7463, 89.4052, 103.4963
YIQ	239.5460, -19.3930, -6.4730

Conversions

Conversions Part 2

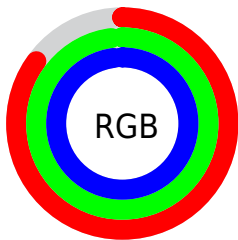
Format	Color
R_{YB}	217, 233, 250
Decimal	14285306
CIE _{Lab}	95.75, -10.09, -3.97
CIE _{LCh}	96, 10.847, 201.493
Y _{xy}	89.4052, 0.2925, 0.3279
Android (android.graphics.Color)	4292475386 (0xFFD9F9FA)
YUV	239.5460, 5.1538, -19.7728
Hunter-Lab	94.5543, -14.9247, 1.2910

Details

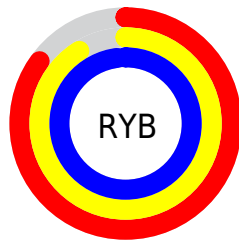
The XYZ color **79.7463, 89.4052, 103.4963** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.0208, 75.4764, 76.1563**, and the grayscale version is **82.4437, 86.7371, 94.4568**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.7079, 49.7164, 58.3315** is the 20% darker color. If you saturate the color by 10%, you get **72.6388, 85.3978, 103.0988**, and if you desaturate by 10%, it is **87.9855, 94.0022, 103.9508**.

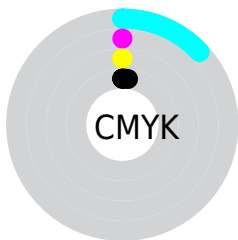
Distribution



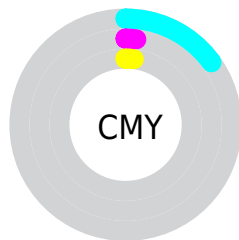
- Red (85%)
- Green (98%)
- Blue (98%)



- Red (85%)
- Yellow (91%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7463, 89.4052, 103.4963 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 79.7463, 89.4052, 103.4963 by changing the saturation by 10% instead.

79.7463, 89.4052,
103.4963

79.7463, 89.4052,
103.4963

482.8270,
526.0941, 592.6871

59.8174, 67.4874,
78.5905

131.9614,
146.5119, 168.0473

43.5203, 49.4808,
58.0399

164.9782,
182.4696, 208.5296

30.4899, 35.0011,
41.4258

203.0884,
223.8761, 255.0412

20.3606, 23.6637,
28.3297

246.6573,
271.1158, 308.0006

12.7672, 15.0843,
18.3332

296.0503,
324.5731, 367.8263

7.3444, 8.8786,
11.0175

351.6326,

3.7266, 4.6621,

384.6322, 434.9370

5.9643

413.7698,
451.6778, 509.7510

■ 1.5487, 2.0504,
2.7550

■ 0.3586, 0.6365,
0.9709

■ 79.7463, 89.4052,
103.4963

■ 79.7463, 89.4052,
103.4963

■ 72.6388, 85.3978,
103.0988

■ 87.9855, 94.0022,
103.9508

■ 66.6049, 81.9429,
102.7500

■ 92.8415, 96.8540,
104.2453

■ 61.5927, 79.0161,
102.4492

■ 93.0772, 97.3254,
104.3238

■ 57.5433, 76.5870,
102.1938

■ 93.3138, 97.7987,
104.4027

■ 54.3916, 74.6221,
101.9806

■ 93.5514, 98.2738,
104.4819

■ 52.0645, 73.0837,
101.8063

■ 93.7899, 98.7509,
104.5614

■ 50.4772, 71.9280,
101.6669

■ 94.0294, 99.2298,
104.6412

■ 49.5272, 71.1022,
101.5576

■ 94.2556, 99.6822,
104.7167

■ 49.1426, 70.6763,
101.4957

Harmonies

Analogous

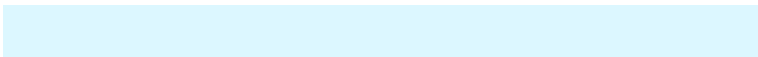
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4246, 89.4052, 94.9350



79.7463, 89.4052, 103.4963



81.4524, 89.4052, 110.7885

Triad

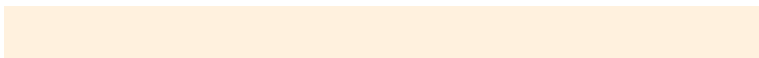
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7463, 89.4052, 103.4963



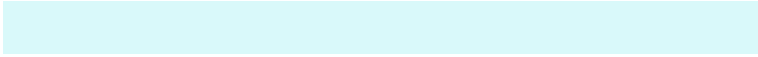
89.5491, 89.4052, 107.9470



85.8291, 89.4052, 81.9747

Complementary

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



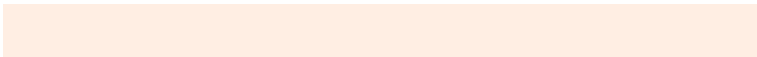
79.7463, 89.4052, 103.4963



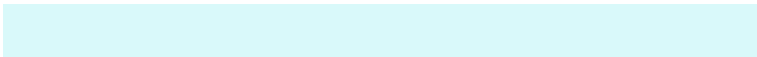
77.0208, 75.4764, 76.1563

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.



88.6017, 89.4052, 85.0393



79.7463, 89.4052, 103.4963



90.7822, 89.4052, 99.7996

Square

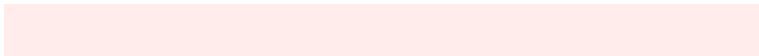
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7463, 89.4052, 103.4963



87.0978, 89.4052, 113.4610



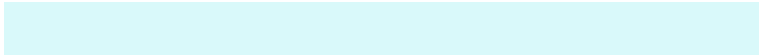
90.4315, 89.4052, 91.4464



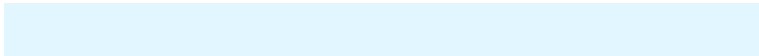
82.8908, 89.4052, 82.8359

Rectangle

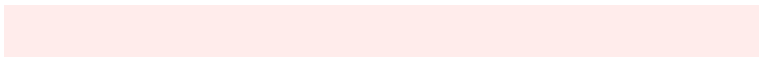
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



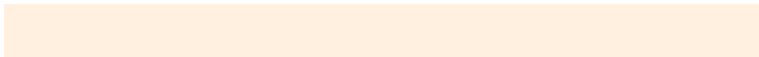
79.7463, 89.4052, 103.4963



83.1676, 89.4052, 113.7859



90.4315, 89.4052, 91.4464



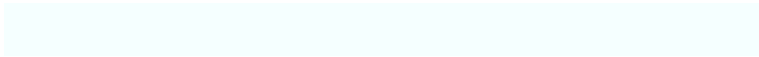
86.8123, 89.4052, 82.5731

Sweetspot

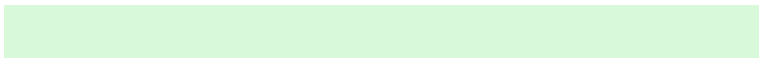
The Sweet Spot groups the original color and five complimentary colors.



79.7489, 89.4089, 103.4983



91.2983, 97.9202, 108.6963



75.3985, 88.1629, 79.0662



19.3953, 20.8777, 23.2575



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

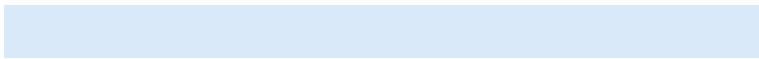
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7489, 89.4089, 103.4983



81.2082, 92.2827, 108.1400



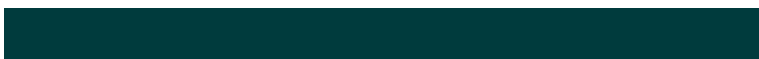
74.9969, 79.9050, 101.9143



17.7183, 19.5133, 22.2179



26.0867, 37.5289, 53.8424



2.4298, 3.5033, 4.9913

Inverse Universe

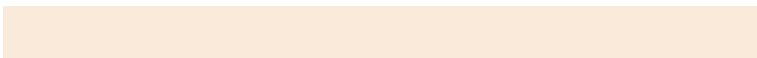
The Inverse Universe completely reimagines the original color for something new.



81.3381, 76.7911, 100.1620



83.1895, 76.5953, 103.9711



81.3873, 84.2095, 77.6118



17.9691, 17.5150, 21.6929



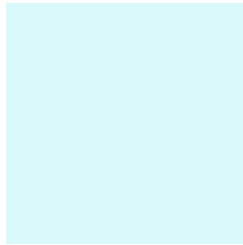
29.4594, 14.1995, 45.9889



2.7354, 1.3179, 4.2959

Previews

White Background



This preview shows how the XYZ color 79.7463, 89.4052, 103.4963 looks on a white background.

Color Contrast Check

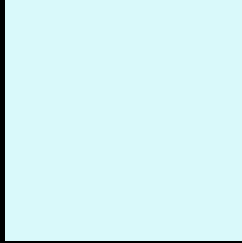
Large Text (above 18pt) WCAG AA × Fail

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 79.7463, 89.4052, 103.4963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

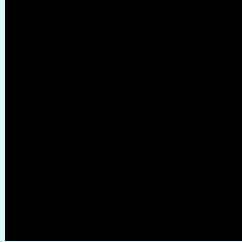
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7463, 89.4052, 103.4963

Background



This preview shows how black text looks on a background with the XYZ color 79.7463, 89.4052, 103.4963.



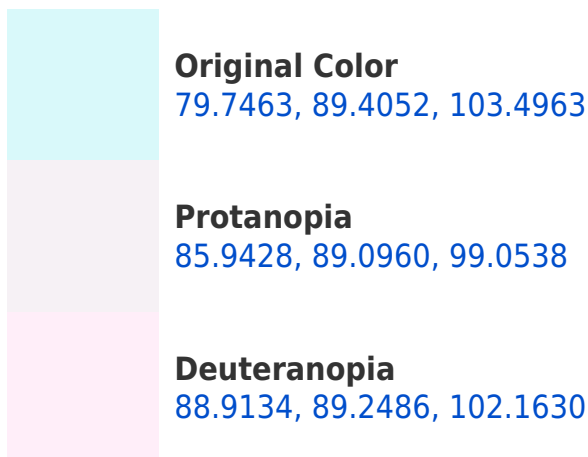
This preview shows how white text looks on a background with the XYZ color 79.7463, 89.4052,

103.4963.

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

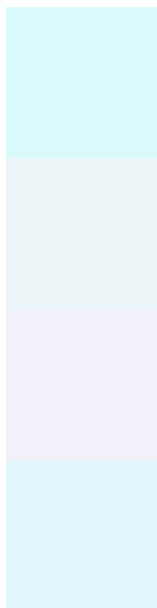




Tritanopia

83.6574, 89.5137, 107.4764

Trichromacy



Original Color

79.7463, 89.4052, 103.4963

Protanomaly

83.4001, 89.0789, 100.7940

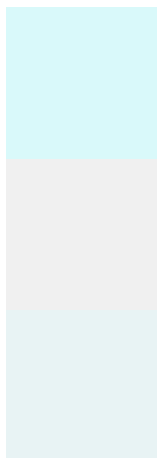
Deuteranomaly

85.1266, 89.0446, 102.3232

Tritanomaly

82.0494, 89.1721, 105.8160

Monochromacy



Original Color

79.7463, 89.4052, 103.4963

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

81.6584, 87.7886, 98.2290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7463, 89.4052, 103.4963 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(217, 249, 250)` looks like.

```
.text, #text, p{  
    color:rgb(217, 249, 250)  
}
```

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(217, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 249, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.7463, 89.4052, 103.4963 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(217, 249, 250) }
```


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

```
.border{ border-color:rgb(217, 249, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 249, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(217, 249,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7463, 89.4052, 103.4963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 249, 250) }
```

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

```
.background{ background-color: rgb(217,  
249, 250) }
```

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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