

Converting Colors

XYZ(77.7212, 88.7873,
103.4206)

Have a look what the booklet for
XYZ(77.7212, 88.7873, 103.4206)
contains.

XYZ(77.7354, 88.8287, 103.4910)	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(77.7354, 88.8287,
103.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FAFA
RGB	209, 250, 250
RGB Percent	82%, 98%, 98%
CMY	0.1804, 0.0196, 0.0196
CMYK	0.16, 0.00, 0.00, 0.02
HSL	180°, 80%, 90%
HSV	180°, 16%, 98%
XYZ	77.7354, 88.8287, 103.4910
YIQ	237.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

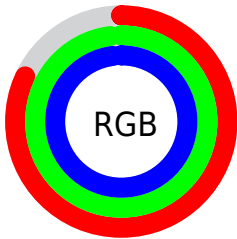
Format	Color
R _Y B	209, 230, 250
Decimal	13761274
CIE Lab	95.51, -13.05, -4.39
CIE LCh	96, 13.770, 198.573
Yxy	88.8287, 0.2879, 0.3289
Android (android.graphics.Color)	4291951354 (0xFFD1FAFA)
YUV	237.7410, 6.0437, -25.2059
Hunter-Lab	94.2490, -17.7111, 0.8703

Details

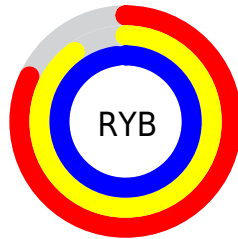
The XYZ color **77.7354, 88.8287, 103.4910** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7366, 70.5308, 70.0529**, and the grayscale version is **81.0381, 85.2584, 92.8464**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1340, 48.9050, 58.2578** is the 20% darker color. If you saturate the color by 10%, you get **71.2101, 85.4672, 103.1857**, and if you desaturate by 10%, it is **85.3758, 92.7698, 103.8522**.

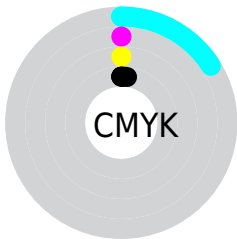
Distribution



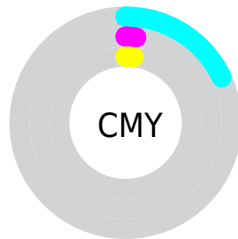
- Red (82%)
- Green (98%)
- Blue (98%)



- Red (82%)
- Yellow (90%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7354, 88.8287, 103.4910 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 77.7354, 88.8287, 103.4910 by changing the saturation by 10% instead.

77.7354, 88.8287,
103.4910

77.7354, 88.8287,
103.4910

476.1213,
524.2133, 592.6701

58.1587, 67.0096,
78.5861

129.1444,
145.7103, 168.0400

42.1800, 49.0924,
58.0363

161.7074,
181.5416, 208.5212

29.4340, 34.6928,
41.4229

199.3298,
222.8125, 255.0315

19.5553, 23.4263,
28.3275

242.3771,
269.9072, 307.9896

12.1786, 14.9086,
18.3315

291.2145,
323.2103, 367.8140

6.9385, 8.7553,
11.0164

346.2074,

3.4696, 4.5819,

383.1060, 434.9232

5.9635

407.7213,
449.9789, 509.7357

■ 1.4067, 2.0041,
2.7545

■ 0.2610, 0.6099,
0.9707

■ 77.7354, 88.8287,
103.4910

■ 77.7354, 88.8287,
103.4910

■ 71.2101, 85.4672,
103.1857

■ 85.3758, 92.7698,
103.8522

■ 65.7405, 82.6475,
102.9279


■ 92.6835, 96.5370,
104.1960


■ 61.2734, 80.3447,
102.7171


■ 92.6839, 96.5371,
104.1978


■ 57.7481, 78.5274,
102.5503


■ 92.6842, 96.5373,
104.1997


 55.0972, 77.1608,
102.4244


 92.6846, 96.5374,
104.2015


 53.2443, 76.2057,
102.3359


 92.6849, 96.5376,
104.2033


 52.1001, 75.6158,
102.2806

 92.6852, 96.5377,
104.2051

 51.5527, 75.3337,
102.2532

 92.6856, 96.5378,
104.2069

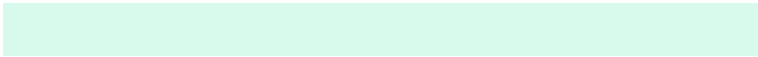
 51.4400, 75.2756,
102.2472

 92.6859, 96.5380,
104.2087

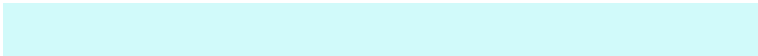
Harmonies

Analogous

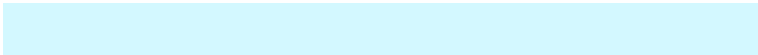
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5141, 88.8287, 92.6601



77.7354, 88.8287, 103.4910



79.7180, 88.8287, 113.1539

Triad

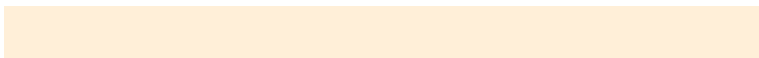
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7354, 88.8287, 103.4910



89.9878, 88.8287, 111.1325



85.8749, 88.8287, 77.7454

Complementary

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



77.7354, 88.8287, 103.4910



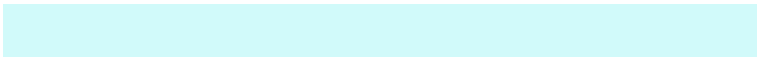
73.7366, 70.5308, 70.0529

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.



89.3221, 88.8287, 81.9585



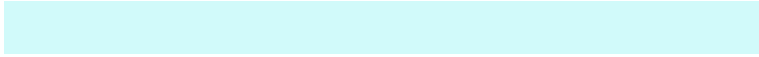
77.7354, 88.8287, 103.4910



91.7435, 88.8287, 100.8955

Square

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



77.7354, 88.8287, 103.4910



86.7615, 88.8287, 117.7873



91.4963, 88.8287, 90.2497



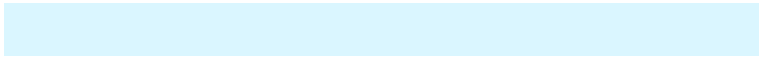
82.1387, 88.8287, 78.3264

Rectangle

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



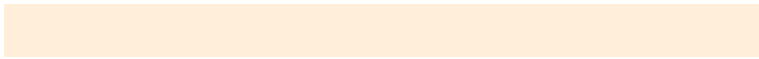
77.7354, 88.8287, 103.4910



81.8057, 88.8287, 117.3841



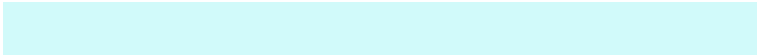
91.4963, 88.8287, 90.2497



87.1078, 88.8287, 78.6344

Sweetspot

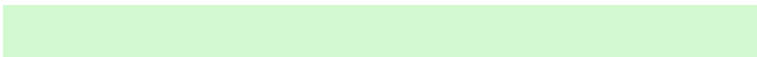
The Sweet Spot groups the original color and five complimentary colors.



77.7380, 88.8324, 103.4930



90.5136, 97.6614, 108.6868



72.1851, 86.6336, 73.2405



19.2424, 20.8359, 23.2573



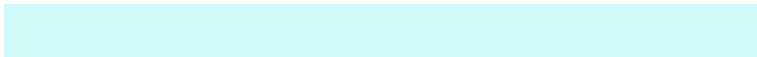
0.0000, 0.0000, 0.0000



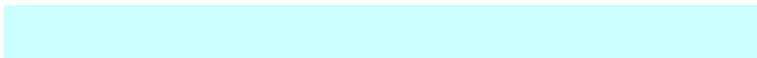
20.3446, 21.4041, 23.3091

Same Dimension

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



77.7380, 88.8324, 103.4930



78.7111, 91.5771, 108.1316



71.9002, 77.1560, 101.5499



17.7658, 19.6086, 22.2334



27.2841, 39.9266, 54.2327



2.5270, 3.6979, 5.0230

Inverse Universe

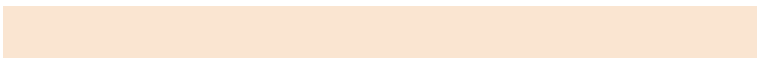
The Inverse Universe completely reimagines the original color for something new.



73.7366, 70.5308, 70.0529



73.7325, 68.8056, 66.5242



78.9048, 80.8678, 71.7734



17.2447, 17.2253, 17.8786



20.9120, 10.7805, 0.9791



1.9368, 0.9985, 0.0908

Previews

White Background



This preview shows how the XYZ color 77.7354, 88.8287, 103.4910 looks on a white background.

Color Contrast Check

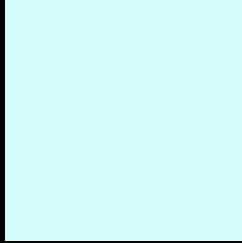
Large Text (above 18pt) WCAG AA × Fail

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 77.7354, 88.8287, 103.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

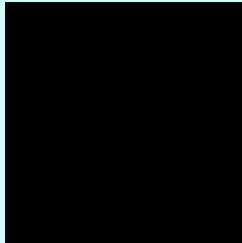
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7354, 88.8287, 103.4910

Background



This preview shows how black text looks on a background with the XYZ color 77.7354, 88.8287, 103.4910.

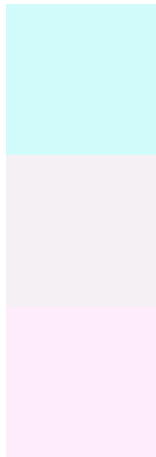


This preview shows how white text looks on a background with the XYZ color 77.7354, 88.8287,

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

77.7354, 88.8287, 103.4910

Protanopia

85.1454, 88.2643, 98.1370

Deuteranopia

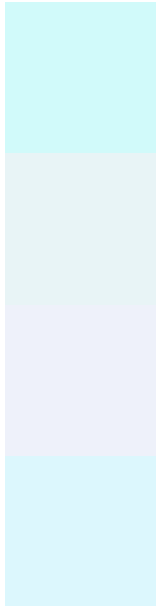
88.4908, 88.1530, 102.7938



Tritanopia

82.3810, 88.8557, 107.4167

Trichromacy



Original Color

77.7354, 88.8287, 103.4910

Protanomaly

82.2639, 88.5110, 99.9373

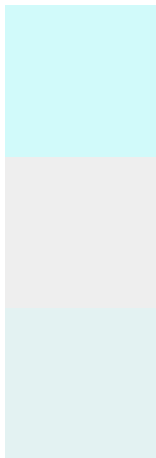
Deuteranomaly

83.9705, 87.9899, 103.0005

Tritanomaly

80.5056, 88.8290, 105.8311

Monochromacy



Original Color

77.7354, 88.8287, 103.4910

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

79.4577, 86.2460, 96.4637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7354, 88.8287, 103.4910 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(209, 250, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 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(209, 250, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 250) }
```

Border

The CSS property to change the border of an element to XYZ 77.7354, 88.8287, 103.4910 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(209, 250, 250) }
```


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

```
.border{ border-color:rgb(209, 250, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 250, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7354, 88.8287, 103.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 250, 250) }
```

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

```
.background{ background-color: rgb(209,  
250, 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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