

Converting Colors

XYZ(77.2369, 88.5369,
100.8768)

Have a look what the booklet for
XYZ(77.2369, 88.5369, 100.8768)
contains.

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Color

**XYZ(77.2686, 88.6419,
101.0328)**

Conversions

Conversions Part 1

Format	Color
Hex	D1FAF7
RGB	209, 250, 247
RGB Percent	82%, 98%, 97%
CMY	0.1804, 0.0196, 0.0314
CMYK	0.16, 0.00, 0.01, 0.02
HSL	176°, 80%, 90%
HSV	176°, 16%, 98%
XYZ	77.2686, 88.6419, 101.0328
YIQ	237.3990, -23.4730, -9.6250

Conversions

Conversions Part 2

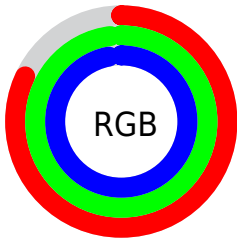
Format	Color
R_{YB}	209, 230, 250
Decimal	13761271
CIE _{Lab}	95.43, -13.65, -2.95
CIE _{LCh}	95, 13.969, 192.198
Yxy	88.6419, 0.2895, 0.3321
Android (android.graphics.Color)	4291951351 (0xFFD1FAF7)
YUV	237.3990, 4.7333, -24.9059
Hunter-Lab	94.1498, -18.2676, 2.2804

Details

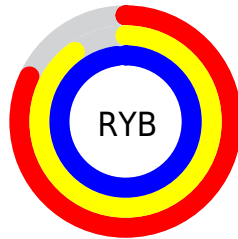
The XYZ color **77.2686, 88.6419, 101.0328** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1116, 70.6808, 72.0278**, and the grayscale version is **80.7834, 84.9904, 92.5546**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8004, 48.7715, 56.5010** is the 20% darker color. If you saturate the color by 10%, you get **70.4623, 85.1680, 99.2480**, and if you desaturate by 10%, it is **85.1927, 92.6965, 102.8881**.

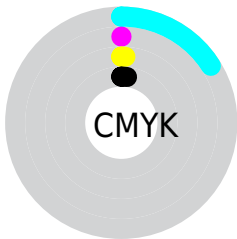
Distribution



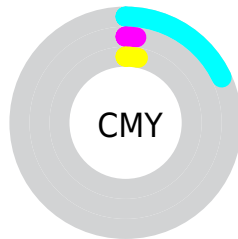
- Red (82%)
- Green (98%)
- Blue (97%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)



- Cyan (18%)
- Magenta (2%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2686, 88.6419, 101.0328 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 77.2686, 88.6419, 101.0328 by changing the saturation by 10% instead.

77.2686, 88.6419,
101.0328

77.2686, 88.6419,
101.0328

474.5572,
523.6030, 584.7738

57.7740, 66.8548,
76.5417

128.4894,
145.4505, 164.6400

41.8696, 48.9666,
56.3675

160.9464,
181.2408, 204.5931

29.1898, 34.5930,
40.0917

198.4548,
222.4676, 250.5374

19.3695, 23.3495,
27.2957

241.3801,
269.5153, 302.8913

12.0431, 14.8518,
17.5610

290.0877,
322.7683, 362.0733

6.8455, 8.7155,
10.4691

344.9428,

3.4111, 4.5561,

382.6110, 428.5020

5.6014

406.3109,
449.4278, 502.5960

■ 1.3747, 1.9892,
2.5394

■ 0.2381, 0.6012,
0.8609

■ 77.2686, 88.6419,
101.0328

■ 77.2686, 88.6419,
101.0328

■ 70.4623, 85.1680,
99.2480

■ 85.1927, 92.6965,
102.8881

■ 64.7145, 82.2371,
97.5254

■ 92.7869, 96.5783,
104.7406

■ 59.9721, 79.8241,
95.8642

■ 93.0765, 96.6941,
106.2658

■ 56.1741, 77.8977,
94.2616

■ 93.3690, 96.8111,
107.8058

■ 53.2533, 76.4232,
92.7144

■ 93.4772, 96.8544,
108.3757

■ 51.1332, 75.3611,
91.2189

■ 49.7245, 74.6655,
89.7710

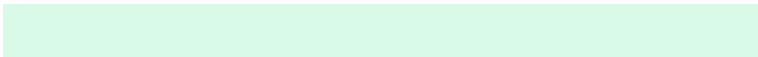
■ 48.9154, 74.2787,
88.3653

■ 48.7091, 74.1831,
87.8668

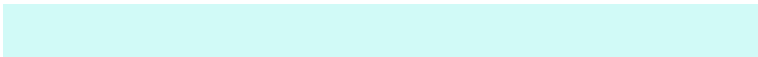
Harmonies

Analogous

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



77.4444, 88.6419, 90.2213



77.2686, 88.6419, 101.0328



78.9220, 88.6419, 111.3590

Triad

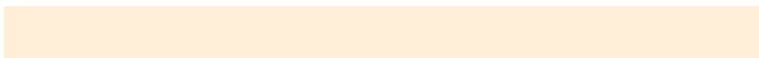
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.2686, 88.6419, 101.0328



89.2862, 88.6419, 112.9680



86.5190, 88.6419, 77.8266

Complementary

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



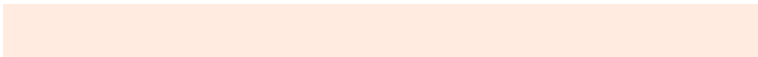
77.2686, 88.6419, 101.0328



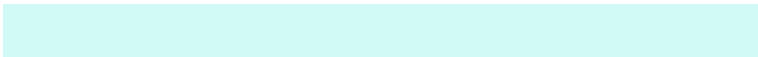
74.1116, 70.6808, 72.0278

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.



89.8156, 88.6419, 83.0542



77.2686, 88.6419, 101.0328



91.4462, 88.6419, 103.0968

Square

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



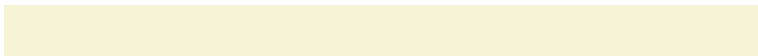
77.2686, 88.6419, 101.0328



85.8142, 88.6419, 118.5909



91.6428, 88.6419, 92.1358



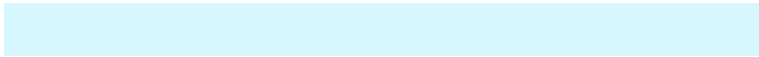
82.7078, 88.6419, 77.3659

Rectangle

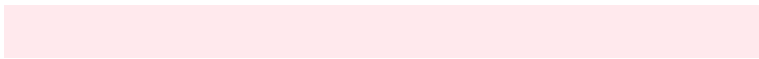
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



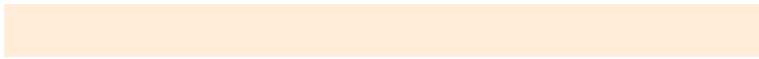
77.2686, 88.6419, 101.0328



80.8690, 88.6419, 116.3622



91.6428, 88.6419, 92.1358



87.7269, 88.6419, 79.0653

Sweetspot

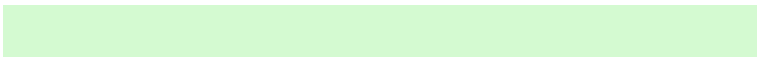
The Sweet Spot groups the original color and five complimentary colors.



77.2711, 88.6456, 101.0348



90.3638, 97.6015, 107.8977



72.9685, 87.0374, 73.2772



19.2059, 20.8213, 23.0647



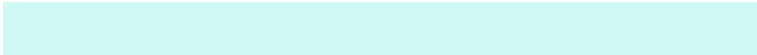
0.0000, 0.0000, 0.0000



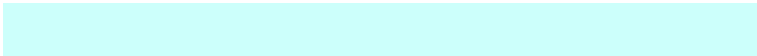
20.3446, 21.4041, 23.3091

Same Dimension

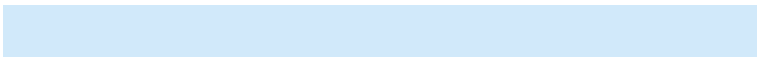
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2711, 88.6456, 101.0348



78.1161, 91.3391, 104.9985



72.6678, 78.6910, 101.8056



17.7077, 19.5854, 21.9274



25.8590, 39.3566, 46.7283



2.4109, 3.6515, 4.4117

Inverse Universe

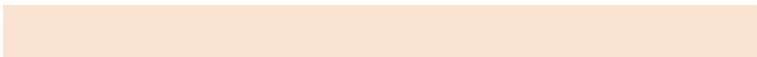
The Inverse Universe completely reimagines the original color for something new.



74.1116, 70.6808, 72.0278



74.1855, 68.9868, 68.9099



78.1551, 79.3685, 71.5236



17.2962, 17.2458, 18.1495



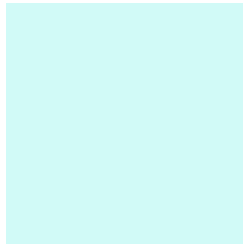
20.9900, 10.8117, 1.3897



1.9614, 1.0083, 0.2200

Previews

White Background



This preview shows how the XYZ color 77.2686, 88.6419, 101.0328 looks on a white background.

Color Contrast Check

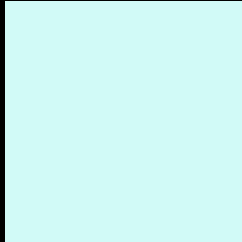
Large Text (above 18pt) WCAG AA × Fail

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 77.2686, 88.6419, 101.0328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

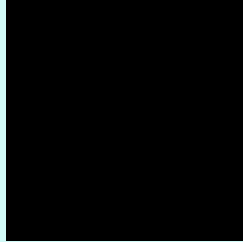
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2686, 88.6419, 101.0328

Background



This preview shows how black text looks on a background with the XYZ color 77.2686, 88.6419, 101.0328.



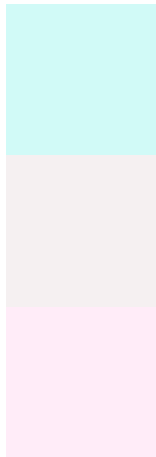
This preview shows how white text looks on a background with the XYZ color 77.2686, 88.6419,

101.0328.

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

77.2686, 88.6419, 101.0328

Protanopia

84.6935, 88.0835, 95.7571

Deuteranopia

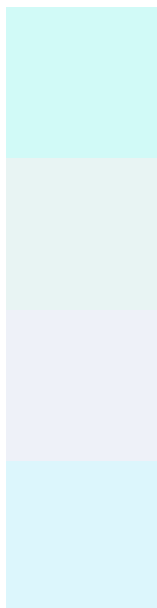
88.1787, 88.0282, 101.1506



Tritanopia

82.0792, 88.2523, 107.3161

Trichromacy



Original Color

77.2686, 88.6419, 101.0328

Protanomaly

81.8071, 88.3282, 97.5314

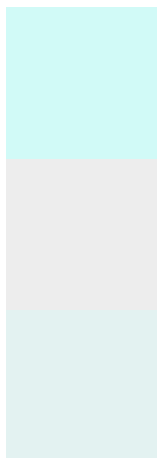
Deuteranomaly

83.6585, 87.8650, 101.3573

Tritanomaly

80.0417, 88.1555, 104.8925

Monochromacy



Original Color

77.2686, 88.6419, 101.0328

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.3079, 86.1860, 95.6747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2686, 88.6419, 101.0328 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(209, 250, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 250, 247) }
```

Border

The CSS property to change the border of an element to XYZ 77.2686, 88.6419, 101.0328 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, 247) }
```


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

```
.border{ border-color:rgb(209, 250, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 250, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 250, 247);  
box-shadow:4px 4px 4px 4px rgb(209, 250,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2686, 88.6419, 101.0328 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, 247) }
```

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

```
.background{ background-color: rgb(209,  
250, 247) }
```

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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