

Converting Colors

XYZ(76.2861, 86.7598,
100.7215)

Have a look what the booklet for
XYZ(76.2861, 86.7598, 100.7215)
contains.

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Color

**XYZ(76.3438, 86.7922,
100.7245)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F7F7
RGB	209, 247, 247
RGB Percent	82%, 97%, 97%
CMY	0.1804, 0.0314, 0.0314
CMYK	0.15, 0.00, 0.00, 0.03
HSL	180°, 70%, 89%
HSV	180°, 15%, 97%
XYZ	76.3438, 86.7922, 100.7245
YIQ	235.6380, -22.6480, -8.0560

Conversions

Conversions Part 2

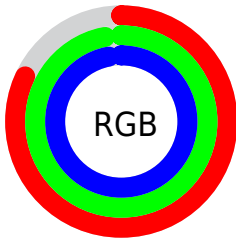
Format	Color
R _Y B	209, 228, 247
Decimal	13760503
CIE Lab	94.65, -12.16, -4.10
CIE LCh	95, 12.831, 198.628
Yxy	86.7922, 0.2893, 0.3289
Android (android.graphics.Color)	4291950583 (0xFFD1F7F7)
YUV	235.6380, 5.6015, -23.3615
Hunter-Lab	93.1623, -16.7586, 1.1109

Details

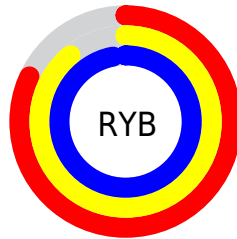
The XYZ color **76.3438, 86.7922, 100.7245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.6700, 69.9810, 70.0030**, and the grayscale version is **79.4251, 83.5614, 90.9983**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3612, 47.8932, 56.3546** is the 20% darker color. If you saturate the color by 10%, you get **69.8904, 83.4677, 100.4226**, and if you desaturate by 10%, it is **83.8857, 90.6825, 101.0810**.

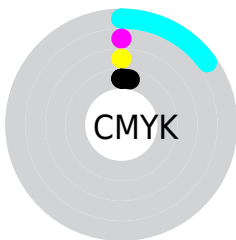
Distribution



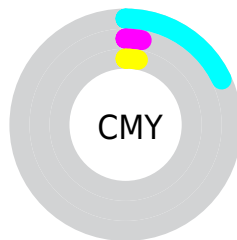
- Red (82%)
- Green (97%)
- Blue (97%)



- Red (82%)
- Yellow (89%)
- Blue (97%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.3438, 86.7922, 100.7245 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 76.3438, 86.7922, 100.7245 by changing the saturation by 10% instead.

76.3438, 86.7922,
100.7245

76.3438, 86.7922,
100.7245

471.4501,
517.5398, 583.7795

57.0125, 65.3233,
76.2855

127.1905,
142.8745, 164.2130

41.2555, 47.7232,
56.1586

159.4367,
178.2566, 204.0996

28.7073, 33.6078,
39.9252

196.7185,
219.0452, 249.9724

19.0027, 22.5924,
27.1669

239.4014,
265.6247, 302.2501

11.7762, 14.2929,
17.4651

287.8506,
318.3796, 361.3510

6.6626, 8.3246,
10.4012

342.4316,

3.2964, 4.3034,

377.6941, 427.6939

5.5567

403.5096,
443.9527, 501.6972

■ 1.3124, 1.8447,
2.5131

■ 0.1925, 0.5148,
0.8471

■ 76.3438, 86.7922,
100.7245

■ 76.3438, 86.7922,
100.7245

■ 69.8904, 83.4677,
100.4226

■ 83.8857, 90.6825,
101.0810

■ 64.4681, 80.6724,
100.1671


■ 91.2917, 94.5004,
101.4293


■ 60.0258, 78.3824,
99.9575


■ 91.2921, 94.5005,
101.4311


■ 56.5051, 76.5674,
99.7910


■ 91.2924, 94.5006,
101.4328


 53.8413, 75.1942,
99.6646


 91.2927, 94.5008,
101.4346


 51.9612, 74.2251,
99.5748


 91.2931, 94.5009,
101.4363


 50.7798, 73.6160,
99.5178

 91.2934, 94.5010,
101.4381

 50.1917, 73.3129,
99.4886

 91.2937, 94.5012,
101.4398

 50.0482, 73.2390,
99.4811

 91.2940, 94.5013,
101.4416

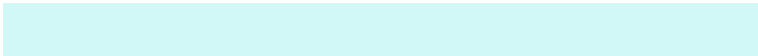
Harmonies

Analogous

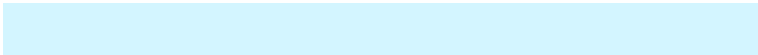
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.1369, 86.7922, 90.7920



76.3438, 86.7922, 100.7245



78.1707, 86.7922, 109.5454

Triad

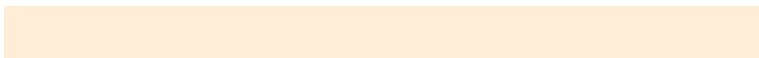
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3438, 86.7922, 100.7245



87.5912, 86.7922, 107.6730



83.8131, 86.7922, 77.0141

Complementary

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



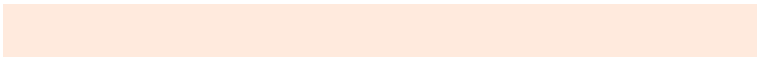
76.3438, 86.7922, 100.7245



72.6700, 69.9810, 70.0030

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.



86.9725, 86.7922, 80.9029



76.3438, 86.7922, 100.7245



89.1942, 86.7922, 98.3116

Square

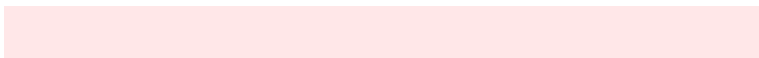
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3438, 86.7922, 100.7245



84.6384, 86.7922, 113.7466



88.9646, 86.7922, 88.5411



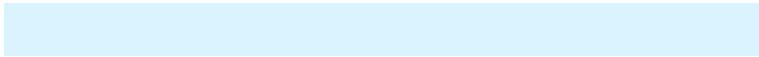
80.3849, 86.7922, 77.5604

Rectangle

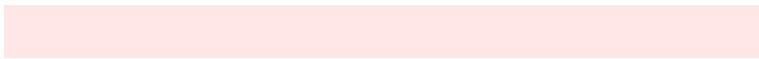
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



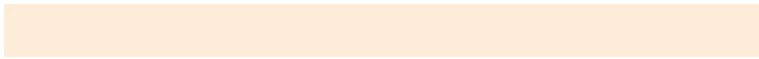
76.3438, 86.7922, 100.7245



80.0909, 86.7922, 113.3937



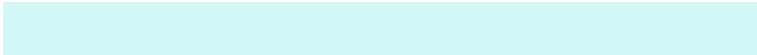
88.9646, 86.7922, 88.5411



84.9435, 86.7922, 77.8344

Sweetspot

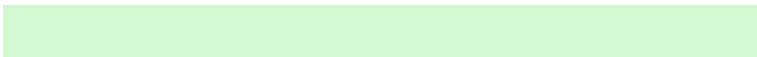
The Sweet Spot groups the original color and five complimentary colors.



76.3463, 86.7958, 100.7264



90.5136, 97.6614, 108.6868



71.2461, 84.7764, 72.9318



19.2424, 20.8359, 23.2573



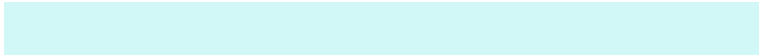
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



76.3463, 86.7958, 100.7264



80.1322, 92.3096, 108.1985



71.0036, 76.1095, 98.9480



16.9967, 18.7578, 21.2670



26.4677, 38.7319, 52.6100



2.3263, 3.4042, 4.6240

Inverse Universe

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



72.6700, 69.9810, 70.0030



75.5865, 71.5186, 70.2098



77.4390, 79.5197, 71.5907



16.4993, 16.4826, 17.1097



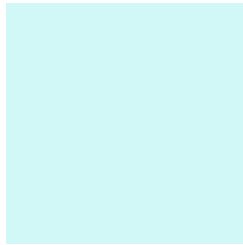
20.2863, 10.4579, 0.9498



1.7830, 0.9192, 0.0836

Previews

White Background



This preview shows how the XYZ color 76.3438, 86.7922, 100.7245 looks on a white background.

Color Contrast Check

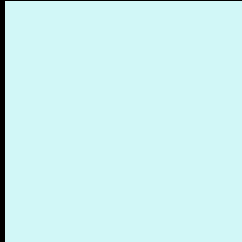
Large Text (above 18pt) WCAG AA × Fail

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 76.3438, 86.7922, 100.7245 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

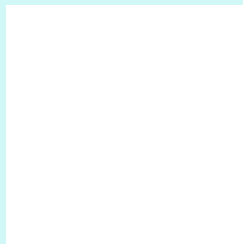
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3438, 86.7922, 100.7245

Background



This preview shows how black text looks on a background with the XYZ color 76.3438, 86.7922, 100.7245.



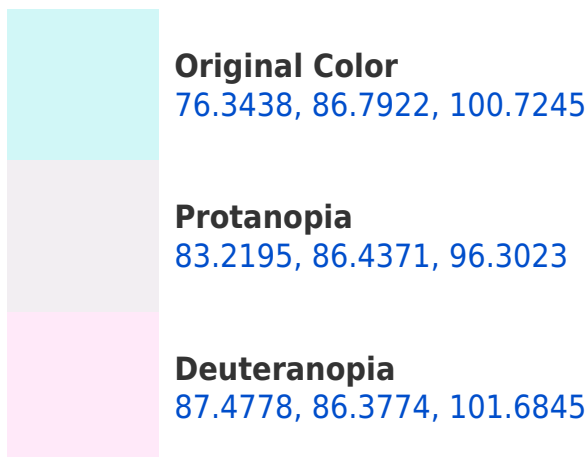
This preview shows how white text looks on a background with the XYZ color 76.3438, 86.7922,

100.7245.

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

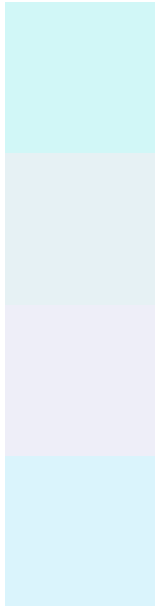




Tritanopia

80.2336, 86.4122, 107.0582

Trichromacy



Original Color

76.3438, 86.7922, 100.7245

Protanomaly

80.4176, 86.2652, 98.0003

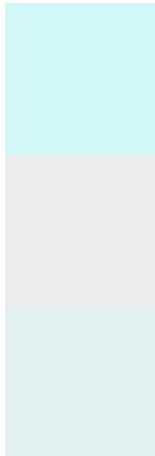
Deuteranomaly

82.7777, 86.1035, 101.0637

Tritanomaly

78.8348, 86.6351, 104.6627

Monochromacy



Original Color

76.3438, 86.7922, 100.7245

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.2523, 84.7802, 94.6780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3438, 86.7922, 100.7245 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, 247, 247)` looks like.

```
.text, #text, p{  
    color:rgb(209, 247, 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, 247, 247) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 76.3438, 86.7922, 100.7245 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, 247, 247) }
```


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

```
.border{ border-color:rgb(209, 247, 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, 247, 247)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 76.3438, 86.7922, 100.7245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 247, 247) }
```

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

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