

Converting Colors

XYZ(76.2502, 87.1852,
101.6206)

Have a look what the booklet for
XYZ(76.2502, 87.1852, 101.6206)
contains.

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Color

**XYZ(76.2428, 87.1775,
101.6155)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF8F8
RGB	207, 248, 248
RGB Percent	81%, 97%, 97%
CMY	0.1882, 0.0274, 0.0274
CMYK	0.17, 0.00, 0.00, 0.03
HSL	180°, 75%, 89%
HSV	180°, 17%, 97%
XYZ	76.2428, 87.1775, 101.6155
YIQ	235.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

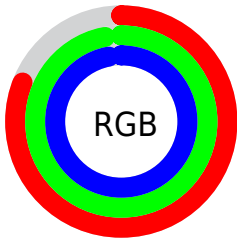
Format	Color
R_{YB}	207, 228, 248
Decimal	13629688
CIE _{Lab}	94.81, -13.07, -4.39
CIE _{LCh}	95, 13.786, 198.567
Yxy	87.1775, 0.2877, 0.3289
Android (android.graphics.Color)	4291819768 (0xFFCFF8F8)
YUV	235.7410, 6.0437, -25.2059
Hunter-Lab	93.3689, -17.6367, 0.8316

Details

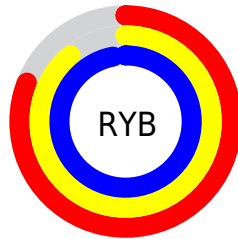
The XYZ color **76.2428, 87.1775, 101.6155** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.2898, 69.0895, 68.5607**, and the grayscale version is **79.5014, 83.6417, 91.0858**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3130, 48.1804, 56.9915** is the 20% darker color. If you saturate the color by 10%, you get **69.8513, 83.8849, 101.3166**, and if you desaturate by 10%, it is **83.7276, 91.0383, 101.9692**.

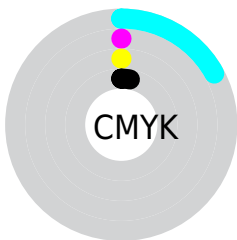
Distribution



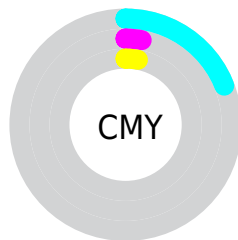
- Red (81%)
- Green (97%)
- Blue (97%)



- Red (81%)
- Yellow (89%)
- Blue (97%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





- Cyan (19%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2428, 87.1775, 101.6155 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 76.2428, 87.1775, 101.6155 by changing the saturation by 10% instead.


 76.2428, 87.1775,
101.6155

 76.2428, 87.1775,
101.6155


471.1101,
518.8060, 586.6506

 56.9294, 65.6421,
77.0260


127.0486,
143.4115, 165.4467

 41.1885, 47.9819,
56.7625

159.2717,
178.8789, 205.5255

 28.6547, 33.8126,
40.4065


196.5287,
219.7591, 251.6044

 18.9627, 22.7497,
27.5395

239.1850,
266.4365, 304.1021

 11.7472, 14.4088,
17.7428

287.6059,
319.2955, 363.4370

 6.6427, 8.4055,
10.5979

342.1568,

 3.2840, 4.3555,

378.7205, 430.0277

5.6864

403.2031,
445.0958, 504.2927

■ 1.3057, 1.8743,
2.5897

■ 0.1875, 0.5329,
0.8871

■ 76.2428, 87.1775,
101.6155

■ 76.2428, 87.1775,
101.6155

■ 69.8513, 83.8849,
101.3166

■ 83.7276, 91.0383,
101.9692

■ 64.4950, 81.1236,
101.0643


■ 91.7531, 95.1756,
102.3465


■ 60.1216, 78.8691,
100.8580


■ 91.7535, 95.1757,
102.3481


■ 56.6714, 77.0905,
100.6949


■ 91.7538, 95.1759,
102.3497


 54.0782, 75.7537,
100.5719


 91.7541, 95.1760,
102.3514


 52.2672, 74.8201,
100.4856


 91.7544, 95.1761,
102.3530


 51.1504, 74.2444,
100.4317

 91.7547, 95.1762,
102.3547

 50.6177, 73.9698,
100.4051

 91.7550, 95.1764,
102.3563

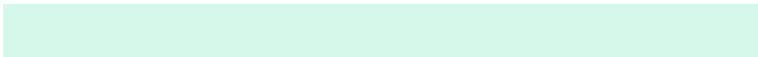
 50.5099, 73.9143,
100.3995

 91.7553, 95.1765,
102.3579

Harmonies

Analogous

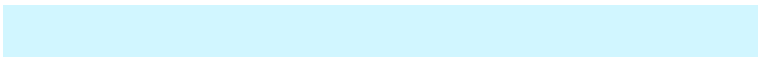
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0244, 87.1775, 90.9064



76.2428, 87.1775, 101.6155



78.2019, 87.1775, 111.1749

Triad

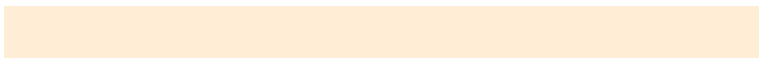
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.2428, 87.1775, 101.6155



88.3558, 87.1775, 109.1783



84.2899, 87.1775, 76.1725

Complementary

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



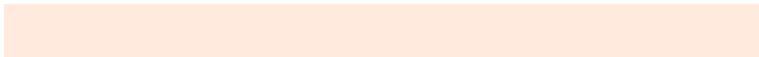
76.2428, 87.1775, 101.6155



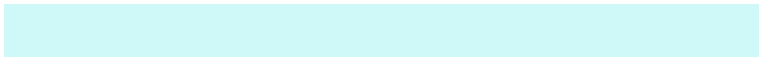
72.2898, 69.0895, 68.5607

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.



87.6986, 87.1775, 80.3348



76.2428, 87.1775, 101.6155



90.0926, 87.1775, 99.0530

Square

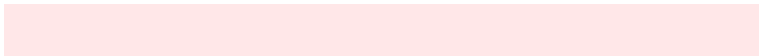
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2428, 87.1775, 101.6155



85.1651, 87.1775, 115.7622



89.8486, 87.1775, 88.5281



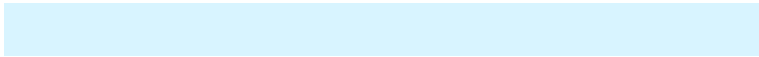
80.5961, 87.1775, 76.7453

Rectangle

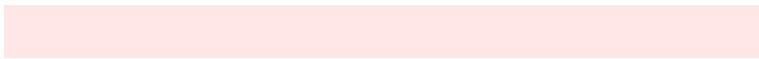
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



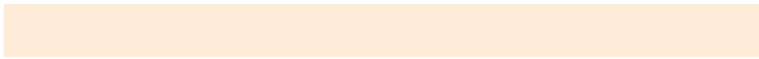
76.2428, 87.1775, 101.6155



80.2654, 87.1775, 115.3614



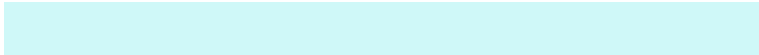
89.8486, 87.1775, 88.5281



85.5091, 87.1775, 77.0508

Sweetspot

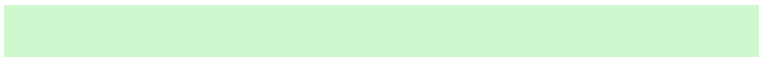
The Sweet Spot groups the original color and five complimentary colors.



76.2453, 87.1811, 101.6175



90.5137, 97.6614, 108.6868



70.7559, 85.0074, 71.7119



19.2425, 20.8359, 23.2573



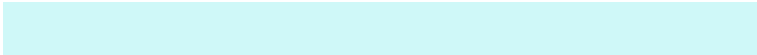
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



76.2453, 87.1811, 101.6175



78.7112, 91.5771, 108.1319



70.4718, 75.6332, 99.6955



17.7658, 19.6086, 22.2334



27.2842, 39.9267, 54.2335



2.5270, 3.6979, 5.0231

Inverse Universe

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



72.2898, 69.0895, 68.5607



73.7324, 68.8056, 66.5240



77.3960, 79.3025, 70.2607



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 76.2428, 87.1775, 101.6155 looks on a white background.

Color Contrast Check

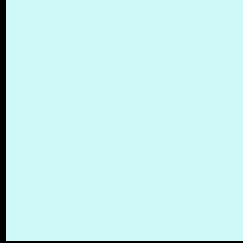
Large Text (above 18pt) WCAG AA × Fail

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 76.2428, 87.1775, 101.6155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

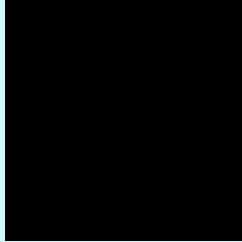
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

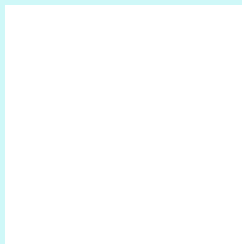
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2428, 87.1775, 101.6155

Background



This preview shows how black text looks on a background with the XYZ color 76.2428, 87.1775, 101.6155.



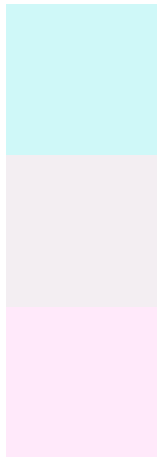
This preview shows how white text looks on a background with the XYZ color 76.2428, 87.1775,

101.6155.

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

76.2428, 87.1775, 101.6155

Protanopia

83.5637, 86.6146, 96.3184

Deuteranopia

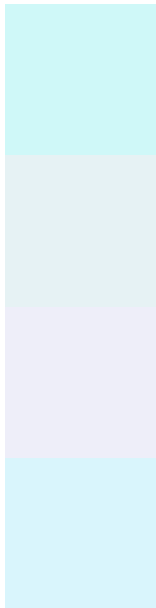
87.6342, 86.4400, 102.5082



Tritanopia

80.5320, 87.0092, 107.1577

Trichromacy



Original Color

76.2428, 87.1775, 101.6155

Protanomaly

80.7144, 86.8589, 98.0993

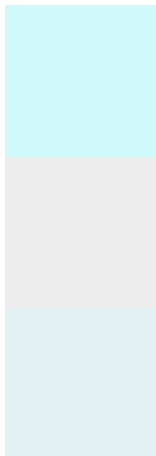
Deuteranomaly

82.9333, 86.1658, 101.8831

Tritanomaly

78.8384, 87.0848, 104.7493

Monochromacy



Original Color

76.2428, 87.1775, 101.6155

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

77.9396, 84.6190, 94.6633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2428, 87.1775, 101.6155 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(207, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(207, 248, 248)  
}
```

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(207, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 248, 248) }
```

Border

The CSS property to change the border of an element to XYZ 76.2428, 87.1775, 101.6155 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(207, 248, 248) }
```


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

```
.border{ border-color:rgb(207, 248, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(207, 248,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2428, 87.1775, 101.6155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 248, 248) }
```

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

```
.background{ background-color: rgb(207,  
248, 248) }
```

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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