

Converting Colors

XYZ(76.1544, 85.6496,
102.8786)

Have a look what the booklet for
XYZ(76.1544, 85.6496, 102.8786)
contains.

| | |
|--|----|
| XYZ(76.2022, 85.7623, 102.9800) | 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(76.2022, 85.7623,
102.9800)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D1F5FA |
| RGB | 209, 245, 250 |
| RGB Percent | 82%, 96%, 98% |
| CMY | 0.1804, 0.0392, 0.0196 |
| CMYK | 0.16, 0.02, 0.00, 0.02 |
| HSL | 187°, 80%, 90% |
| HSV | 187°, 16%, 98% |
| XYZ | 76.2022, 85.7623, 102.9800 |
| YIQ | 234.8060, -23.0610, -6.0770 |

Conversions

Conversions Part 2

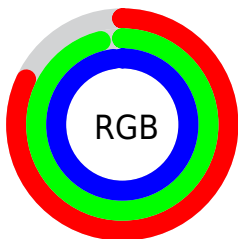
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 209, 228, 250 |
| Decimal | 13759994 |
| CIE Lab | 94.21, -10.55, -6.30 |
| CIE LCh | 94, 12.290, 210.839 |
| Yxy | 85.7623, 0.2876, 0.3237 |
| Android (android.graphics.Color) | 4291950074 (0xFFD1F5FA) |
| YUV | 234.8060, 7.4906, -22.6319 |
| Hunter-Lab | 92.6079, -15.1856, -1.1049 |

Details

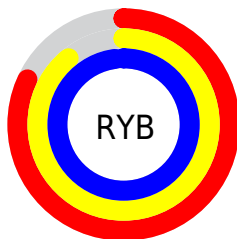
The XYZ color **76.2022, 85.7623, 102.9800** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.9801, 73.0203, 70.4655**, and the grayscale version is **78.7775, 82.8801, 90.2564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2616, 47.1603, 57.9671** is the 20% darker color. If you saturate the color by 10%, you get **68.7630, 80.5724, 102.3717**, and if you desaturate by 10%, it is **84.7714, 91.5618, 103.6491**.

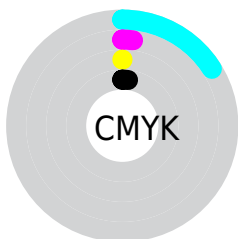
Distribution



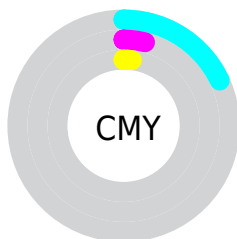
- Red (82%)
- Green (96%)
- Blue (98%)



- Red (82%)
- Yellow (89%)
- Blue (98%)



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



- Cyan (18%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2022, 85.7623, 102.9800 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 76.2022, 85.7623, 102.9800 by changing the saturation by 10% instead.

76.2022, 85.7623,
102.9800

76.2022, 85.7623,
102.9800

470.9733,
514.1471, 591.0332

56.8960, 64.4714,
78.1609

126.9915,
141.4377, 167.3339

41.1615, 47.0326,
57.6889

159.2053,
176.5911, 207.7057

28.6336, 33.0614,
41.1456

196.4523,
217.1341, 254.0988

18.9467, 22.1735,
28.1123

239.0979,
263.4511, 306.9318

11.7355, 13.9845,
18.1705

287.5075,
315.9265, 366.6232

6.6348, 8.1099,
10.9018

342.0463,

3.2790, 4.1653,

374.9447, 433.5916

5.8875

403.0798,
440.8901, 508.2554

■ 1.3030, 1.7665,
2.7091

■ 0.1855, 0.4661,
0.9480

■ 76.2022, 85.7623,
102.9800

■ 76.2022, 85.7623,
102.9800

■ 68.7630, 80.5724,
102.3717

■ 84.7714, 91.5618,
103.6491

■ 62.3947, 75.9547,
101.8161

■ 93.0236, 97.2182,
104.3060

■ 57.0440, 71.8840,
101.3123

■ 93.9835, 99.1381,
104.6260

■ 52.6500, 68.3286,
100.8577

■ 94.2556, 99.6822,
104.7167

■ 49.1452, 65.2538,
100.4489

■ 46.4532, 62.6200,
100.0824

■ 44.4846, 60.3809,
99.7540

■ 43.1276, 58.4789,
99.4584

■ 42.7268, 57.8447,
99.3571

Harmonies

Analogous

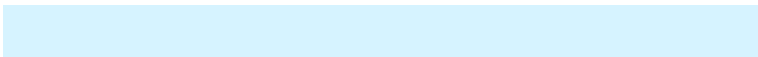
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.3509, 85.7623, 93.6460



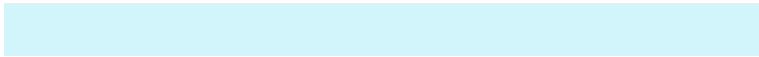
76.2022, 85.7623, 102.9800



78.4705, 85.7623, 110.1132

Triad

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



76.2022, 85.7623, 102.9800



87.1649, 85.7623, 102.4905



81.4219, 85.7623, 76.4101

Complementary

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



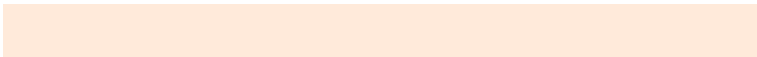
76.2022, 85.7623, 102.9800



74.9801, 73.0203, 70.4655

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.



84.6363, 85.7623, 78.4351



76.2022, 85.7623, 102.9800



88.0054, 85.7623, 93.1156

Square

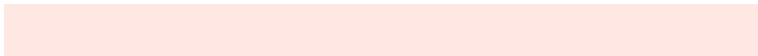
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2022, 85.7623, 102.9800



84.8008, 85.7623, 109.8175



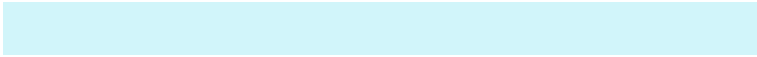
87.0681, 85.7623, 84.3970



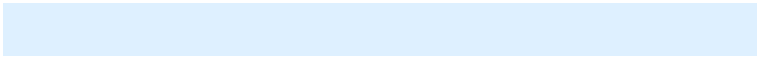
78.3142, 85.7623, 78.6715

Rectangle

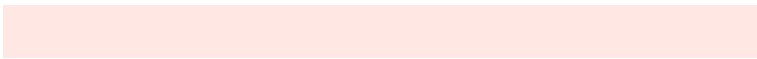
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2022, 85.7623, 102.9800



80.5114, 85.7623, 112.4347



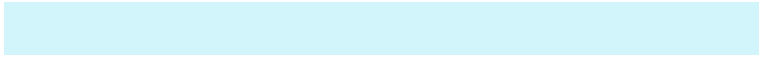
87.0681, 85.7623, 84.3970



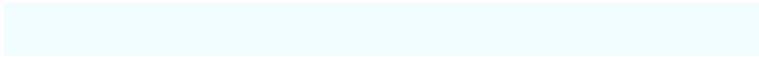
82.5259, 85.7623, 76.6108

Sweetspot

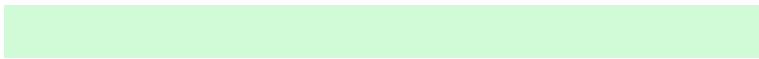
The Sweet Spot groups the original color and five complimentary colors.



76.2047, 85.7658, 102.9819



90.0201, 96.6741, 108.5231



72.5915, 86.7720, 76.3975



19.1220, 20.5950, 23.2174



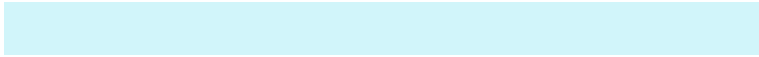
0.0000, 0.0000, 0.0000



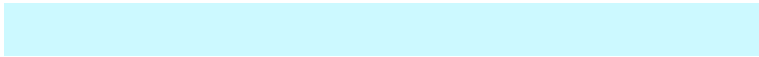
20.3446, 21.4041, 23.3091

Same Dimension

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



76.2047, 85.7658, 102.9819



76.7610, 87.6758, 107.4851



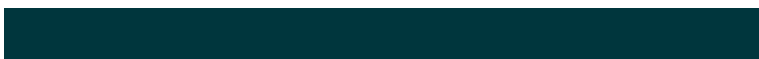
70.3999, 74.1563, 101.0470



17.5747, 19.2262, 22.1700



22.7352, 30.8259, 52.7253



2.1549, 2.9534, 4.8997

Inverse Universe

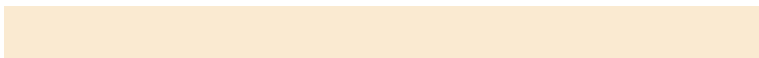
The Inverse Universe completely reimagines the original color for something new.



78.7082, 72.5192, 96.2396



79.8982, 71.2719, 98.9924



80.4379, 83.9361, 72.2848



17.8966, 17.4860, 21.3113



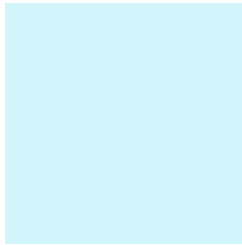
27.7677, 13.5228, 37.0807



2.5966, 1.2624, 3.5651

Previews

White Background



This preview shows how the XYZ color 76.2022, 85.7623, 102.9800 looks on a white background.

Color Contrast Check

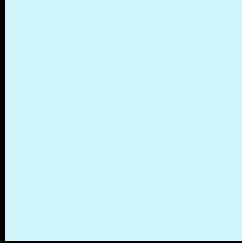
Large Text (above 18pt) WCAG AA × Fail

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 76.2022, 85.7623, 102.9800 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 76.2022, 85.7623, 102.9800

Background



This preview shows how black text looks on a background with the XYZ color 76.2022, 85.7623, 102.9800.



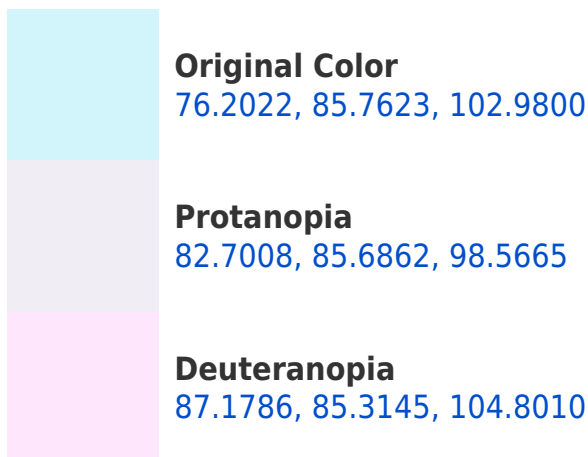
This preview shows how white text looks on a background with the XYZ color 76.2022, 85.7623,

102.9800.

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

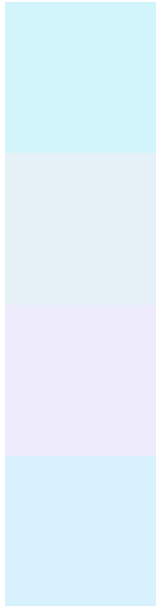




Tritanopia

79.0205, 85.3462, 106.9164

Trichromacy



Original Color

76.2022, 85.7623, 102.9800

Protanomaly

80.2617, 85.6936, 100.3060

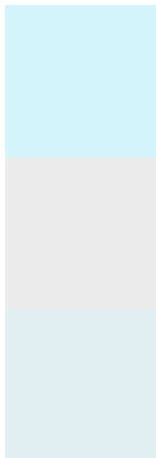
Deuteranomaly

82.8260, 85.1963, 104.1746

Tritanomaly

77.8007, 85.1950, 105.2723

Monochromacy



Original Color

76.2022, 85.7623, 102.9800

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9587, 84.1930, 94.5801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2022, 85.7623, 102.9800 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, 245, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 245, 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, 245, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 245, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.2022, 85.7623, 102.9800 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, 245, 250) }
```


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

```
.border{ border-color:rgb(209, 245, 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, 245, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 245, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 245, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 245,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2022, 85.7623, 102.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 245, 250) }
```

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

```
.background{ background-color: rgb(209,  
245, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor