

Converting Colors

XYZ(75.1176, 84.0923,
101.0793)

Have a look what the booklet for
XYZ(75.1176, 84.0923, 101.0793)
contains.

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Color

**XYZ(74.9899, 83.8369,
101.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F2F8
RGB	209, 242, 248
RGB Percent	82%, 95%, 97%
CMY	0.1804, 0.0510, 0.0274
CMYK	0.16, 0.02, 0.00, 0.03
HSL	189°, 74%, 90%
HSV	189°, 16%, 97%
XYZ	74.9899, 83.8369, 101.0367
YIQ	232.8170, -21.5940, -5.1300

Conversions

Conversions Part 2

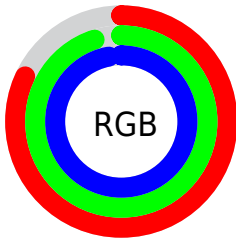
Format	Color
R _{YB}	209, 227, 248
Decimal	13759224
CIE _{Lab}	93.38, -9.45, -6.49
CIE _{LCh}	93, 11.461, 214.490
Y _{xy}	83.8369, 0.2886, 0.3226
Android (android.graphics.Color)	4291949304 (0xFFD1F2F8)
Y _{UV}	232.8170, 7.4852, -20.8875
Hunter-Lab	91.5625, -14.0424, -1.3311

Details

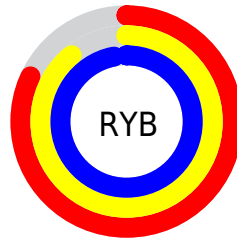
The XYZ color **74.9899, 83.8369, 101.0367** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.5211, 73.1606, 70.5168**, and the grayscale version is **77.2736, 81.2979, 88.5334**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3998, 45.7936, 56.5789** is the 20% darker color. If you saturate the color by 10%, you get **67.3896, 78.2536, 100.3609**, and if you desaturate by 10%, it is **83.7110, 90.0375, 101.7752**.

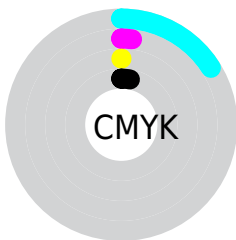
Distribution



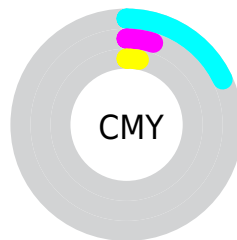
- Red (82%)
- Green (95%)
- Blue (97%)



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



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (18%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9899, 83.8369, 101.0367 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 74.9899, 83.8369, 101.0367 by changing the saturation by 10% instead.

■ 74.9899, 83.8369,
101.0367

■ 74.9899, 83.8369,
101.0367

466.8806,
507.7715, 584.7864

■ 55.8988, 62.8808,
76.5449

125.2860,
138.7470, 164.6454

■ 40.3584, 45.7448,
56.3701

157.2218,
173.4698, 204.5994

■ 28.0036, 32.0445,
40.0938

194.1697,
213.5502, 250.5445

■ 18.4688, 21.3955,
27.2973

236.4953,
259.3728, 302.8994

■ 11.3888, 13.4134,
17.5622

284.5638,
311.3217, 362.0824

■ 6.3982, 7.7138,
10.4700

338.7406,

■ 3.1316, 3.9124,

369.7816, 428.5123

5.6020

399.3911,
435.1367, 502.6074

■ 1.2238, 1.6247,
2.5398

■ 0.1250, 0.3741,
0.8611

■ 74.9899, 83.8369,
101.0367

■ 74.9899, 83.8369,
101.0367

■ 67.3896, 78.2536,
100.3609

■ 83.7110, 90.0375,
101.7752

■ 60.8522, 73.2509,
99.7399

■ 92.2548, 96.1799,
102.5105

■ 55.3256, 68.8041,
99.1728

■ 93.4495, 98.5693,
102.9087

■ 50.7506, 64.8823,
98.6570

■ 93.9435, 99.5574,
103.0734

■ 47.0613, 61.4514,
98.1892

■ 44.1835, 58.4729,
97.7660

■ 42.0304, 55.9018,
97.3832

■ 40.4947, 53.6827,
97.0358

■ 39.9578, 52.8059,
96.8948

Harmonies

Analogous

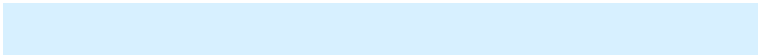
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.0302, 83.8369, 92.5933



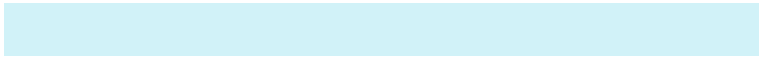
74.9899, 83.8369, 101.0367



77.2078, 83.8369, 107.1439

Triad

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



74.9899, 83.8369, 101.0367



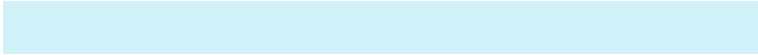
85.0452, 83.8369, 98.6412



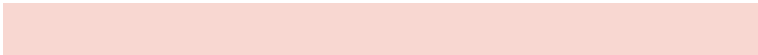
79.2304, 83.8369, 75.6768

Complementary

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



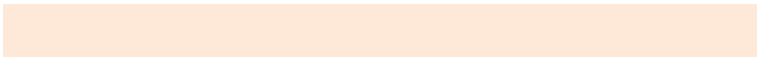
74.9899, 83.8369, 101.0367



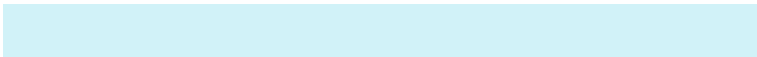
74.5211, 73.1606, 70.5168

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.



82.2135, 83.8369, 77.0722



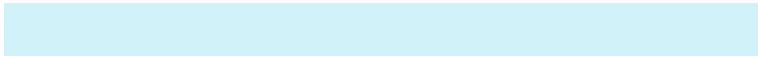
74.9899, 83.8369, 101.0367



85.6196, 83.8369, 89.9874

Square

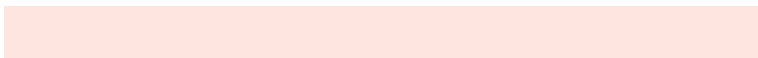
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9899, 83.8369, 101.0367



83.0207, 83.8369, 105.7007



84.5710, 83.8369, 82.1802



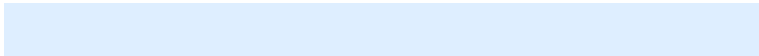
76.4388, 83.8369, 78.2419

Rectangle

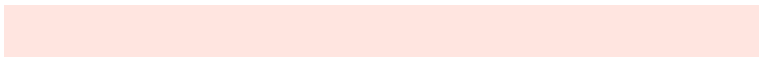
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



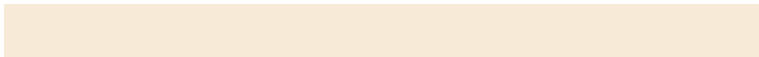
74.9899, 83.8369, 101.0367



79.1277, 83.8369, 108.8730



84.5710, 83.8369, 82.1802



80.2438, 83.8369, 75.6996

Sweetspot

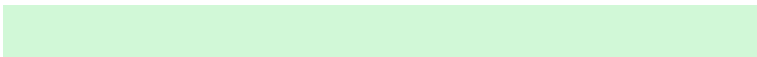
The Sweet Spot groups the original color and five complimentary colors.



74.9923, 83.8404, 101.0386



89.8916, 96.4171, 108.4803



72.1098, 85.5902, 76.9104



19.0907, 20.5324, 23.2069



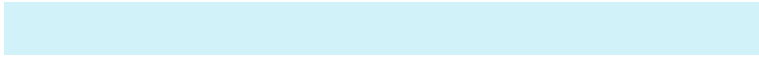
0.0000, 0.0000, 0.0000



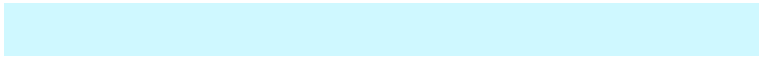
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9923, 83.8404, 101.0386



77.0859, 87.2793, 107.3915



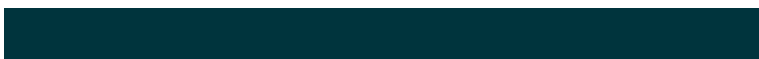
69.5335, 72.9227, 99.2190



17.5251, 19.1271, 22.1535



21.6691, 28.6938, 52.3699



2.0663, 2.7763, 4.8702

Inverse Universe

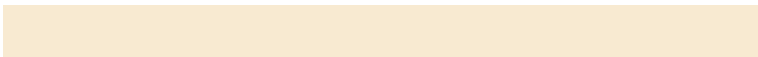
The Inverse Universe completely reimagines the original color for something new.



77.5408, 71.9699, 93.8132



80.3175, 72.4173, 98.1863



79.7440, 83.6065, 72.2578



17.8716, 17.4760, 21.1796



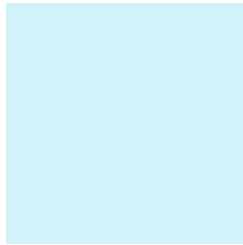
27.2296, 13.3076, 34.2471



2.5519, 1.2445, 3.3298

Previews

White Background



This preview shows how the XYZ color 74.9899, 83.8369, 101.0367 looks on a white background.

Color Contrast Check

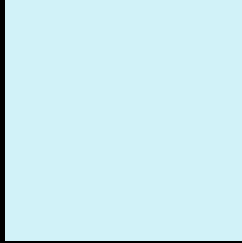
Large Text (above 18pt) WCAG AA × Fail

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 74.9899, 83.8369, 101.0367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

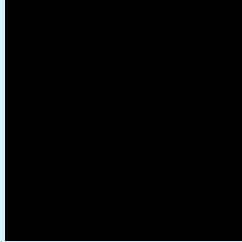
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9899, 83.8369, 101.0367

Background



This preview shows how black text looks on a background with the XYZ color 74.9899, 83.8369, 101.0367.

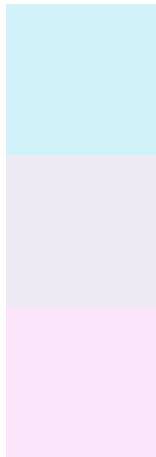


This preview shows how white text looks on a background with the XYZ color 74.9899, 83.8369,

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

74.9899, 83.8369, 101.0367

Protanopia

80.5255, 83.3212, 96.6325

Deuteranopia

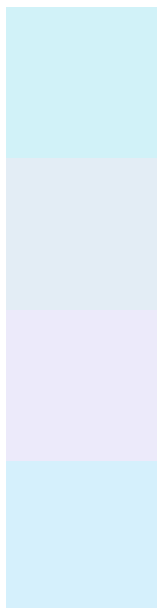
85.2156, 83.5129, 102.8950



Tritanopia

77.2354, 83.5519, 106.6641

Trichromacy



Original Color

74.9899, 83.8369, 101.0367

Protanomaly

78.4442, 83.4918, 98.3673

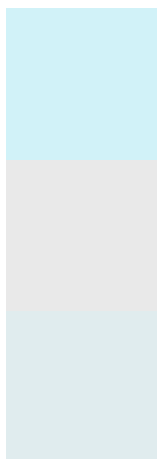
Deuteranomaly

81.2702, 83.5806, 102.2918

Tritanomaly

76.1713, 83.4946, 104.1969

Monochromacy



Original Color

74.9899, 83.8369, 101.0367

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.1685, 82.0112, 92.7042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9899, 83.8369, 101.0367 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, 242, 248)` looks like.

```
.text, #text, p{  
    color:rgb(209, 242, 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(209, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 242, 248) }
```

Border

The CSS property to change the border of an element to XYZ 74.9899, 83.8369, 101.0367 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, 242, 248) }
```


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

```
.border{ border-color:rgb(209, 242, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 242, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 242, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 242, 248);  
box-shadow:4px 4px 4px 4px rgb(209, 242,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9899, 83.8369, 101.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 242, 248) }
```

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

```
.background{ background-color: rgb(209,  
242, 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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