

Converting Colors

XYZ(75.0147, 82.8774,
101.5924)

Have a look what the booklet for
XYZ(75.0147, 82.8774, 101.5924)
contains.

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Color

**XYZ(75.1229, 83.0086,
101.6854)**

Conversions

Conversions Part 1

Format	Color
Hex	D3F0F9
RGB	211, 240, 249
RGB Percent	83%, 94%, 98%
CMY	0.1725, 0.0588, 0.0235
CMYK	0.15, 0.04, 0.00, 0.02
HSL	194°, 76%, 90%
HSV	194°, 15%, 98%
XYZ	75.1229, 83.0086, 101.6854
YIQ	232.3550, -20.1730, -3.3490

Conversions

Conversions Part 2

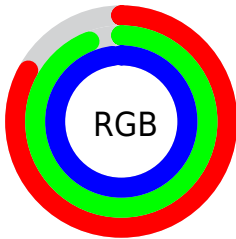
Format	Color
R _Y B	211, 227, 249
Decimal	13889785
CIE Lab	93.02, -7.62, -7.53
CIE LCh	93, 10.710, 224.674
Yxy	83.0086, 0.2891, 0.3195
Android (android.graphics.Color)	4292079865 (0xFFD3F0F9)
YUV	232.3550, 8.2060, -18.7283
Hunter-Lab	91.1091, -12.2608, -2.3963

Details

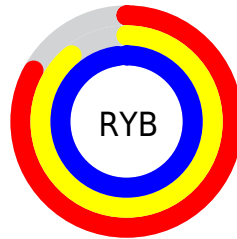
The XYZ color **75.1229, 83.0086, 101.6854** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.4185, 76.0290, 72.2769**, and the grayscale version is **76.9209, 80.9267, 88.1292**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4764, 45.1992, 57.0431** is the 20% darker color. If you saturate the color by 10%, you get **66.8277, 76.1998, 100.8097**, and if you desaturate by 10%, it is **84.5843, 90.5067, 102.6353**.

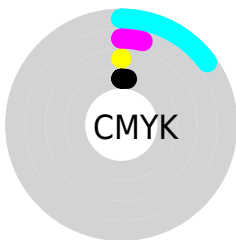
Distribution



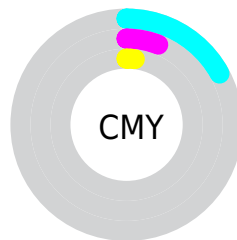
- Red (83%)
- Green (94%)
- Blue (98%)



- Red (83%)
- Yellow (89%)
- Blue (98%)



- Cyan (15%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (17%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1229, 83.0086, 101.6854 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 75.1229, 83.0086, 101.6854 by changing the saturation by 10% instead.

■ 75.1229, 83.0086,
101.6854

■ 75.1229, 83.0086,
101.6854

467.3306,
505.0152, 586.8756

■ 56.0081, 62.1972,
77.0841

125.4733,
137.5875, 165.5434

■ 40.4465, 45.1921,
56.8099

157.4396,
172.1238, 205.6372

■ 28.0726, 31.6088,
40.4443

194.4205,
212.0040, 251.7323

■ 18.5211, 21.0628,
27.5687

236.7813,
257.6123, 304.2472

■ 11.4267, 13.1699,
17.7646

284.8873,
309.3332, 363.6004

■ 6.4240, 7.5457,
10.6134

339.1040,

■ 3.1477, 3.8056,

367.5510, 430.2105

5.6967

399.7966,
432.6502, 504.4961

■ 1.2323, 1.5654,
2.5957

■ 0.1317, 0.3341,
0.8902

■ 75.1229, 83.0086,
101.6854

■ 75.1229, 83.0086,
101.6854

■ 66.8277, 76.1998,
100.8097

■ 84.5843, 90.5067,
102.6353

■ 59.6403, 70.0427,
100.0001

■ 93.0854, 97.5921,
103.5549

■ 53.5077, 64.5116,
99.2557

■ 94.0991, 99.6197,
103.8928

■ 48.3700, 59.5746,
98.5735

■ 44.1606, 55.1968,
97.9504

■ 40.8046, 51.3385,
97.3826

■ 38.2147, 47.9541,
96.8658

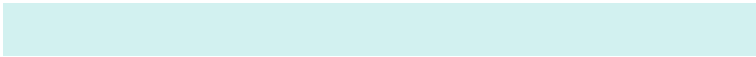
■ 36.2833, 44.9870,
96.3949

■ 35.5233, 43.6879,
96.1842

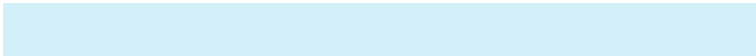
Harmonies

Analogous

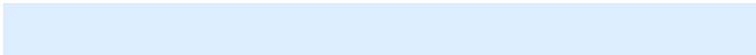
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.7928, 83.0086, 94.3528



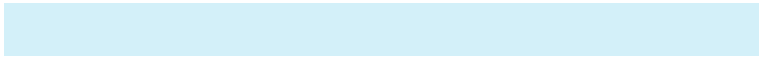
75.1229, 83.0086, 101.6854



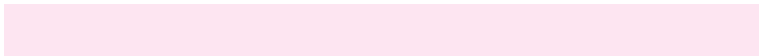
77.4800, 83.0086, 106.1162

Triad

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



75.1229, 83.0086, 101.6854



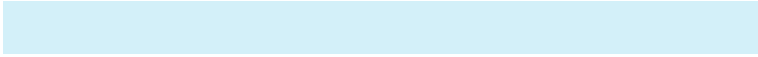
84.2151, 83.0086, 94.5274



77.5385, 83.0086, 76.2453

Complementary

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



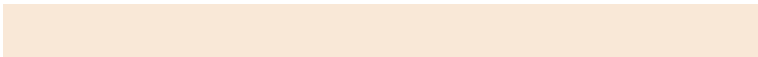
75.1229, 83.0086, 101.6854



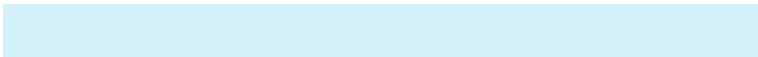
76.4185, 76.0290, 72.2769

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.



80.3316, 83.0086, 76.2859



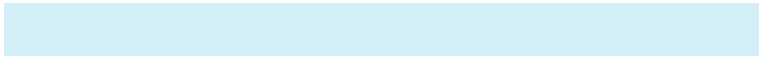
75.1229, 83.0086, 101.6854



84.2316, 83.0086, 86.5247

Square

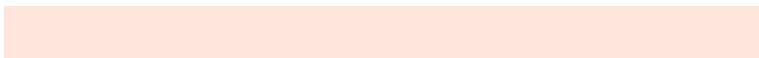
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1229, 83.0086, 101.6854



82.7510, 83.0086, 101.8198



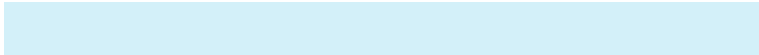
82.7958, 83.0086, 79.9494



75.1649, 83.0086, 79.8350

Rectangle

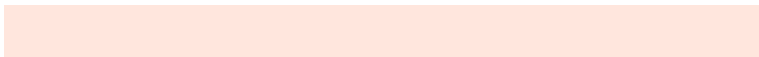
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



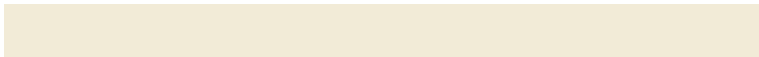
75.1229, 83.0086, 101.6854



79.3376, 83.0086, 106.6714



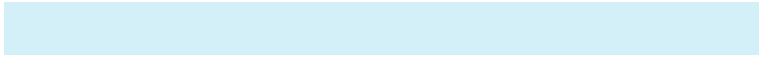
82.7958, 83.0086, 79.9494



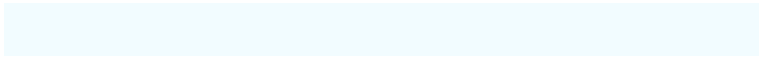
78.4584, 83.0086, 75.8420

Sweetspot

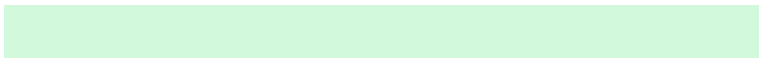
The Sweet Spot groups the original color and five complimentary colors.



75.1253, 83.0120, 101.6873



89.5584, 95.7506, 108.3692



73.6417, 86.7619, 80.4844



19.0095, 20.3700, 23.1798



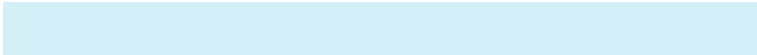
0.0000, 0.0000, 0.0000



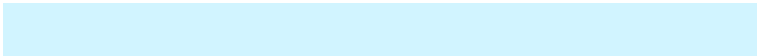
20.3446, 21.4041, 23.3091

Same Dimension

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



75.1253, 83.0120, 101.6873



76.7635, 85.5713, 107.0788



69.8560, 72.4733, 99.9308



17.3971, 18.8711, 22.1109



19.1297, 23.6150, 51.5235



1.8527, 2.3491, 4.7989

Inverse Universe

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



78.0913, 73.0212, 92.4207



80.4143, 73.4497, 95.6328



81.6537, 86.4993, 74.0219



17.8070, 17.4502, 20.8394



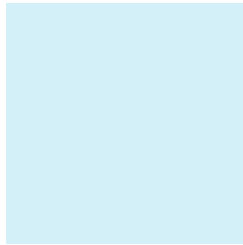
25.9478, 12.7949, 27.4974



2.4441, 1.2014, 2.7619

Previews

White Background



This preview shows how the XYZ color 75.1229, 83.0086, 101.6854 looks on a white background.

Color Contrast Check

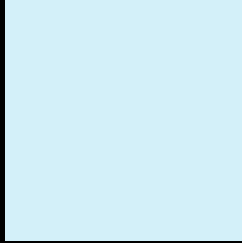
Large Text (above 18pt) WCAG AA × Fail

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 75.1229, 83.0086, 101.6854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

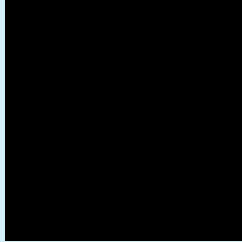
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.1229, 83.0086, 101.6854

Background



This preview shows how black text looks on a background with the XYZ color 75.1229, 83.0086, 101.6854.



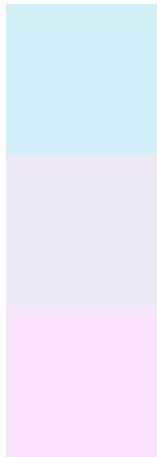
This preview shows how white text looks on a background with the XYZ color 75.1229, 83.0086,

101.6854.

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

75.1229, 83.0086, 101.6854

Protanopia

80.2124, 82.7033, 98.1219

Deuteranopia

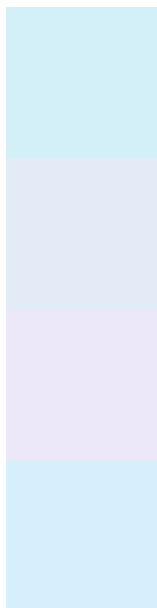
84.5803, 82.7758, 102.7863



Tritanopia

76.6489, 82.8161, 106.5530

Trichromacy



Original Color

75.1229, 83.0086, 101.6854

Protanomaly

78.3086, 82.9756, 99.0774

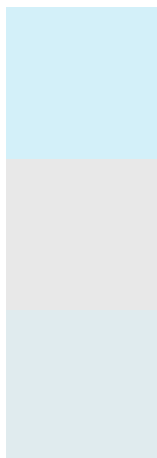
Deuteranomaly

80.7040, 82.4482, 102.1030

Tritanomaly

76.3277, 83.1210, 104.9496

Monochromacy



Original Color

75.1229, 83.0086, 101.6854

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8814, 81.4370, 92.6085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.1229, 83.0086, 101.6854 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(211, 240, 249)` looks like.

```
.text, #text, p{  
    color:rgb(211, 240, 249)  
}
```

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(211, 240, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 240, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.1229, 83.0086, 101.6854 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(211, 240, 249) }
```


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

```
.border{ border-color:rgb(211, 240, 249) }
```

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

Here you see how a box with a 4 pixel rgb(211, 240, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 240, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 240, 249);  
box-shadow:4px 4px 4px 4px rgb(211, 240,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.1229, 83.0086, 101.6854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 240, 249) }
```

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

```
.background{ background-color: rgb(211,  
240, 249) }
```

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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