

Converting Colors

XYZ(78.6895, 90.4861,
107.9259)

Have a look what the booklet for
XYZ(78.6895, 90.4861, 107.9259)
contains.

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Color

**XYZ(78.9074, 90.7360,
107.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	CFFDFF
RGB	207, 253, 255
RGB Percent	81%, 99%, 100%
CMY	0.1882, 0.0078, 0.0000
CMYK	0.19, 0.01, 0.00, 0.00
HSL	182°, 100%, 91%
HSV	182°, 19%, 100%
XYZ	78.9074, 90.7360, 107.9627
YIQ	239.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

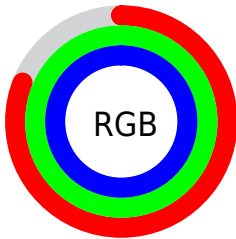
Format	Color
R_{YB}	207, 230, 255
Decimal	13630975
CIE _{Lab}	96.30, -14.13, -5.81
CIE _{LCh}	96, 15.279, 202.358
Yxy	90.7360, 0.2842, 0.3269
Android (android.graphics.Color)	4291821055 (0xFFCFFDFF)
YUV	239.4740, 7.6543, -28.4797
Hunter-Lab	95.2554, -18.8318, -0.5206

Details

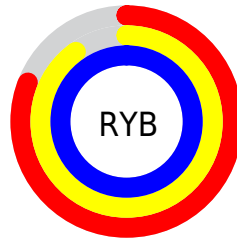
The XYZ color **78.9074, 90.7360, 107.9627** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.3026, 71.3647, 68.8390**, and the grayscale version is **82.3733, 86.6631, 94.3761**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8819, 50.2325, 60.8618** is the 20% darker color. If you saturate the color by 10%, you get **72.0174, 86.6912, 107.5451**, and if you desaturate by 10%, it is **86.9545, 95.3849, 108.4359**.

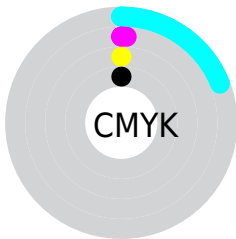
Distribution



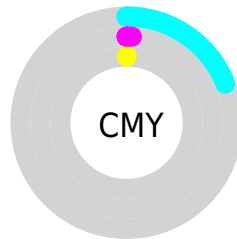
- Red (81%)
- Green (99%)
- Blue (100%)



- Red (81%)
- Yellow (90%)
- Blue (100%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9074, 90.7360, 107.9627 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 78.9074, 90.7360, 107.9627 by changing the saturation by 10% instead.

78.9074, 90.7360,
107.9627

78.9074, 90.7360,
107.9627

480.0358,
530.4221, 606.8946

59.1250, 68.5912,
82.3131

130.7871,
148.3603, 174.2045

42.9605, 50.3789,
61.0863

163.6152,
184.6086, 215.6337

30.0485, 35.7145,
43.8638

201.5225,
226.3270, 263.1599

20.0237, 24.2138,
30.2271

244.8745,
273.8997, 317.2017

12.5206, 15.4923,
19.7575

294.0364,
327.7111, 378.1775

7.1740, 9.1656,
12.0366

349.3737,

3.6185, 4.8494,

388.1458, 446.5059

6.6457

411.2518,
455.5880, 522.6054

■ 1.4886, 2.1592,
3.1665

■ 0.3181, 0.6976,
1.1803

■ 78.9074, 90.7360,
107.9627

■ 78.9074, 90.7360,
107.9627

■ 72.0174, 86.6912,
107.5451

■ 86.9545, 95.3849,
108.4359

■ 66.2223, 83.2111,
107.1788

95.0500, 100.0000,
108.9000

■ 61.4647, 80.2687,
106.8616

■ 57.6794, 77.8303,
106.5905

■ 54.7936, 75.8582,
106.3619

■ 52.7242, 74.3099,
106.1721

■ 51.3729, 73.1344,
106.0165

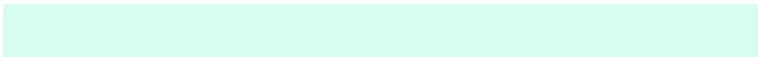
■ 50.5971, 72.2583,
105.8882

■ 50.5218, 72.1637,
105.8739

Harmonies

Analogous

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



78.3983, 90.7360, 95.7182



78.9074, 90.7360, 107.9627



81.3497, 90.7360, 118.4977

Triad

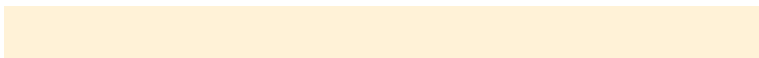
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.9074, 90.7360, 107.9627



92.8716, 90.7360, 113.7798



87.3325, 90.7360, 77.3808

Complementary

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



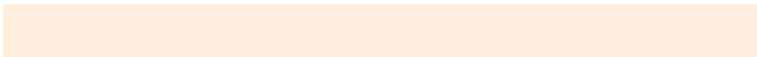
78.9074, 90.7360, 107.9627



75.3026, 71.3647, 68.8390

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.



91.3262, 90.7360, 81.4090



78.9074, 90.7360, 107.9627



94.5919, 90.7360, 101.9392

Square

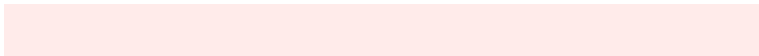
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



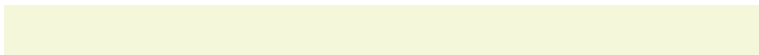
78.9074, 90.7360, 107.9627



89.3858, 90.7360, 122.0437



94.0173, 90.7360, 90.1636



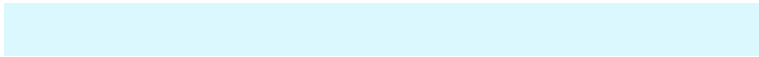
83.1725, 90.7360, 78.7057

Rectangle

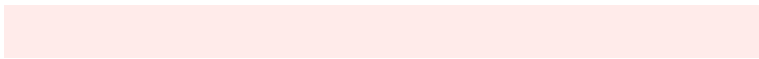
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



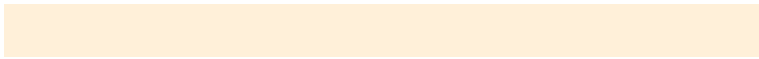
78.9074, 90.7360, 107.9627



83.7904, 90.7360, 122.8031



94.0173, 90.7360, 90.1636



88.7407, 90.7360, 78.1414

Sweetspot

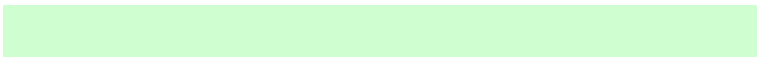
The Sweet Spot groups the original color and five complimentary colors.



78.9098, 90.7396, 107.9633



89.4409, 96.8078, 108.5795



72.9523, 89.3695, 73.4689



19.0190, 20.6494, 23.2333



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

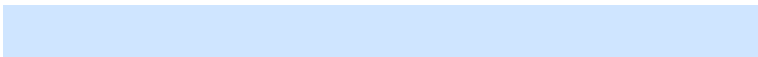
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9098, 90.7396, 107.9633



75.8934, 88.9774, 107.7821



71.9133, 76.7467, 105.6311



18.4864, 20.3443, 23.2025



26.4273, 37.7641, 55.3309



2.5924, 3.7156, 5.3938

Inverse Universe

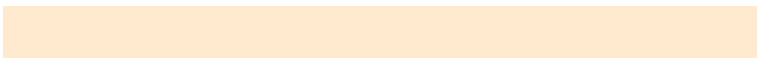
The Inverse Universe completely reimagines the original color for something new.



81.2839, 72.9790, 102.7351



78.7190, 67.9619, 101.5325



81.5289, 83.8174, 70.9144



18.7581, 18.2866, 22.6095



30.1275, 14.5403, 46.1832



2.9431, 1.4196, 4.5480

Previews

White Background



This preview shows how the XYZ color 78.9074, 90.7360, 107.9627 looks on a white background.

Color Contrast Check

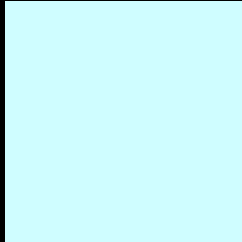
Large Text (above 18pt) WCAG AA × Fail

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 78.9074, 90.7360, 107.9627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

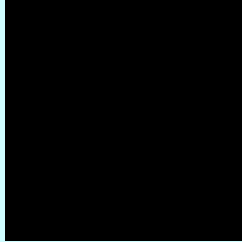
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

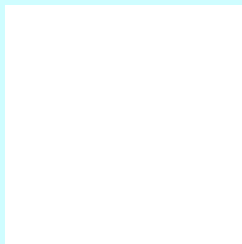
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.9074, 90.7360, 107.9627

Background



This preview shows how black text looks on a background with the XYZ color 78.9074, 90.7360, 107.9627.

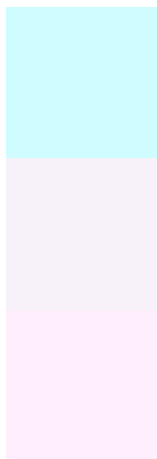


This preview shows how white text looks on a background with the XYZ color 78.9074, 90.7360,

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

78.9074, 90.7360, 107.9627

Protanopia

87.2088, 90.1180, 102.4206

Deuteranopia

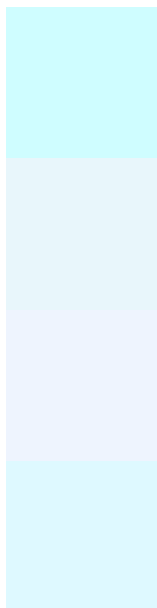
89.8361, 90.0849, 105.5817



Tritanopia

84.2658, 90.7305, 107.6792

Trichromacy



Original Color

78.9074, 90.7360, 107.9627

Protanomaly

83.6471, 90.0324, 104.2361

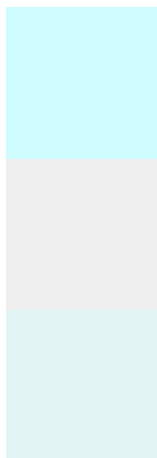
Deuteranomaly

85.5000, 90.0343, 106.6380

Tritanomaly

82.0499, 90.5010, 107.7517

Monochromacy



Original Color

78.9074, 90.7360, 107.9627

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.5107, 87.6248, 99.0561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9074, 90.7360, 107.9627 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, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 253, 255)  
}
```

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, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.9074, 90.7360, 107.9627 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, 253, 255) }
```


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

```
.border{ border-color:rgb(207, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9074, 90.7360, 107.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 253, 255) }
```

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

```
.background{ background-color: rgb(207,  
253, 255) }
```

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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