

Converting Colors

XYZ(75.0303, 83.1622,
106.7051)

Have a look what the booklet for
XYZ(75.0303, 83.1622, 106.7051)
contains.

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Color

**XYZ(75.2374, 83.3960,
106.7393)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF1FF
RGB	207, 241, 255
RGB Percent	81%, 95%, 100%
CMY	0.1882, 0.0549, 0.0000
CMYK	0.19, 0.05, 0.00, 0.00
HSL	197°, 100%, 91%
HSV	197°, 19%, 100%
XYZ	75.2374, 83.3960, 106.7393
YIQ	232.4300, -24.7580, -2.8540

Conversions

Conversions Part 2

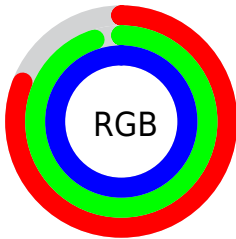
Format	Color
R_{YB}	207, 227, 255
Decimal	13627903
CIE _{Lab}	93.19, -8.11, -10.42
CIE _{LCh}	93, 13.208, 232.114
Yxy	83.3960, 0.2835, 0.3143
Android (android.graphics.Color)	4291817983 (0xFFCFF1FF)
YUV	232.4300, 11.1270, -22.3021
Hunter-Lab	91.3214, -12.7508, -5.3750

Details

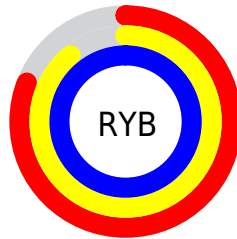
The XYZ color **75.2374, 83.3960, 106.7393** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.3586, 77.4767, 69.8577**, and the grayscale version is **76.9582, 80.9661, 88.1720**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4909, 45.4505, 60.0648** is the 20% darker color. If you saturate the color by 10%, you get **66.5246, 75.7056, 105.7142**, and if you desaturate by 10%, it is **85.1950, 91.8659, 107.8494**.

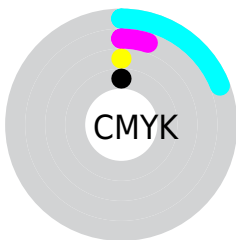
Distribution



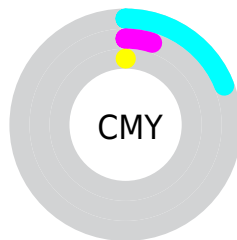
- Red (81%)
- Green (95%)
- Blue (100%)



- Red (81%)
- Yellow (89%)
- Blue (100%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2374, 83.3960, 106.7393 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 75.2374, 83.3960, 106.7393 by changing the saturation by 10% instead.

■ 75.2374, 83.3960,
106.7393

■ 75.2374, 83.3960,
106.7393

467.7178,
506.3053, 603.0204

■ 56.1023, 62.5169,
81.2925

125.6345,
138.1300, 172.5205

■ 40.5222, 45.4505,
60.2501

157.6271,
172.7536, 213.6919

■ 28.1320, 31.8124,
43.1936

194.6363,
212.7275, 260.9420

■ 18.5661, 21.2183,
29.7045

237.0274,
258.4361, 314.6892

■ 11.4593, 13.2836,
19.3643

285.1657,
310.2638, 375.3521

■ 6.4462, 7.6241,
11.7543

339.4166,

■ 3.1615, 3.8554,

368.5950, 443.3492

6.4561

400.1455,
433.8140, 519.0991

■ 1.2397, 1.5930,
3.0511

■ 0.1374, 0.3529,
1.1208

■ 75.2374, 83.3960,
106.7393

■ 75.2374, 83.3960,
106.7393

■ 66.5246, 75.7056,
105.7142

■ 85.1950, 91.8659,
107.8494

■ 58.9937, 68.7541,
104.7693

95.0500, 100.0000,
108.9000

■ 52.5863, 62.5119,
103.9022

■ 47.2359, 56.9433,
103.1093

■ 42.8686, 52.0083,
102.3869

■ 39.4003, 47.6620,
101.7308

■ 36.7314, 43.8513,
101.1359

■ 34.7180, 40.5003,
100.5952

■ 34.5023, 40.1246,
100.5341

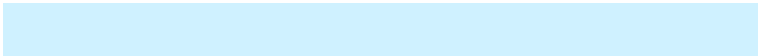
Harmonies

Analogous

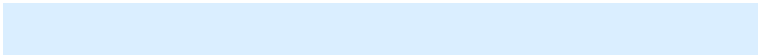
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.2421, 83.3960, 98.1909



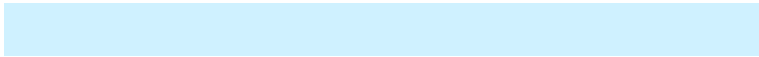
75.2374, 83.3960, 106.7393



78.3533, 83.3960, 111.0824

Triad

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



75.2374, 83.3960, 106.7393



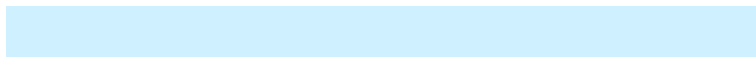
86.0614, 83.3960, 93.4517



76.7795, 83.3960, 74.2233

Complementary

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



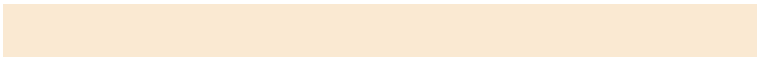
75.2374, 83.3960, 106.7393



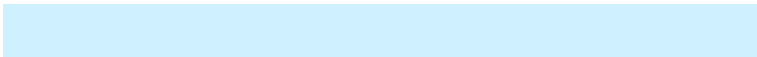
78.3586, 77.4767, 69.8577

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.



80.1845, 83.3960, 73.1572



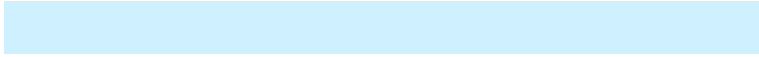
75.2374, 83.3960, 106.7393



85.6102, 83.3960, 83.7973

Square

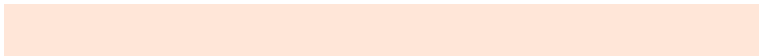
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



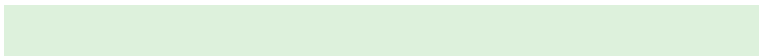
75.2374, 83.3960, 106.7393



84.6500, 83.3960, 103.0540



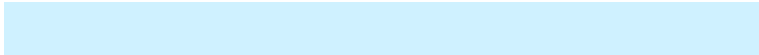
83.4347, 83.3960, 76.5394



74.1141, 83.3960, 79.5655

Rectangle

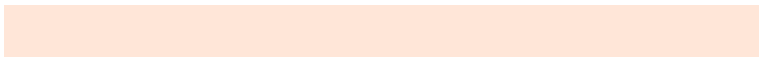
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2374, 83.3960, 106.7393



80.6742, 83.3960, 110.8025



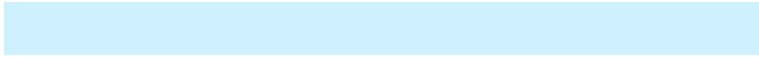
83.4347, 83.3960, 76.5394



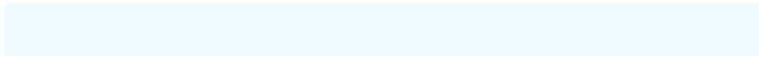
77.8731, 83.3960, 73.3695

Sweetspot

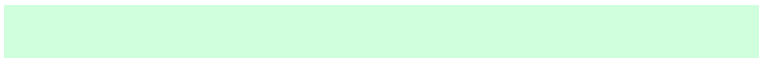
The Sweet Spot groups the original color and five complimentary colors.



75.2396, 83.3993, 106.7399



88.2367, 94.3994, 108.1781



74.4910, 89.9850, 81.5716



18.7337, 20.0786, 23.1381



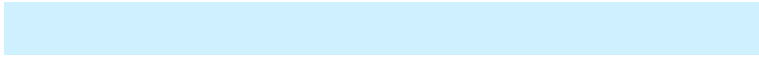
0.0000, 0.0000, 0.0000



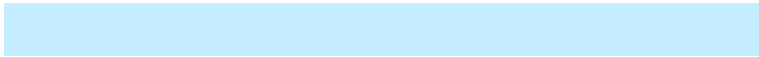
20.3446, 21.4041, 23.3091

Same Dimension

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



75.2396, 83.3993, 106.7399



71.4512, 80.0930, 106.3014



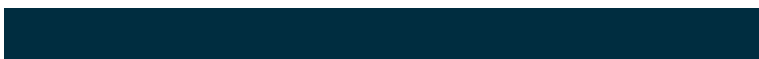
68.6994, 70.3190, 104.5598



18.0812, 19.5341, 23.0674



18.1634, 21.2364, 52.5763



1.8629, 2.2565, 5.1506

Inverse Universe

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



79.4314, 72.2381, 92.9799



76.4767, 67.0650, 89.7252



85.0345, 90.8285, 72.0830



18.5537, 18.2048, 21.5327



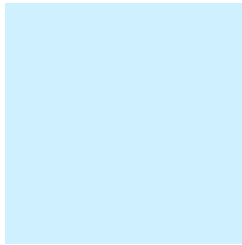
25.9562, 12.8718, 24.2178



2.5749, 1.2723, 2.6089

Previews

White Background



This preview shows how the XYZ color 75.2374, 83.3960, 106.7393 looks on a white background.

Color Contrast Check

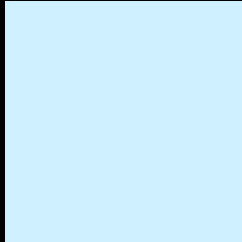
Large Text (above 18pt) WCAG AA × Fail

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 75.2374, 83.3960, 106.7393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

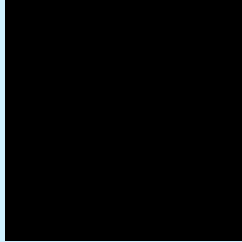
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2374, 83.3960, 106.7393

Background



This preview shows how black text looks on a background with the XYZ color 75.2374, 83.3960, 106.7393.

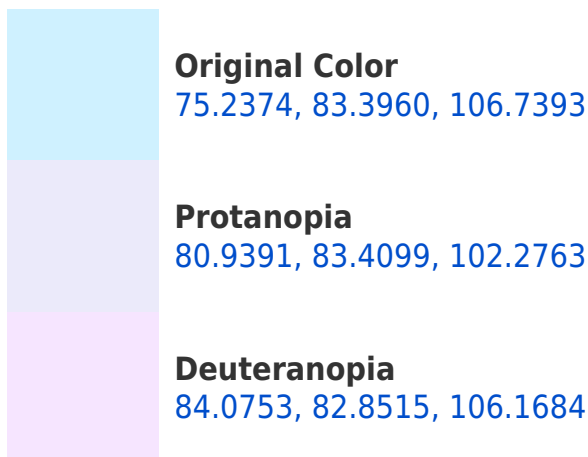


This preview shows how white text looks on a background with the XYZ color 75.2374, 83.3960,

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

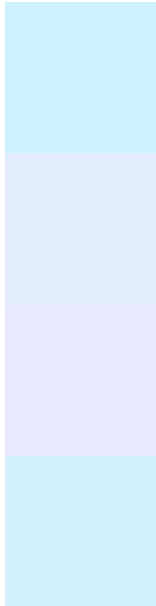




Tritanopia

76.3571, 83.0991, 106.6230

Trichromacy



Original Color

75.2374, 83.3960, 106.7393

Protanomaly

78.9062, 83.6042, 104.0739

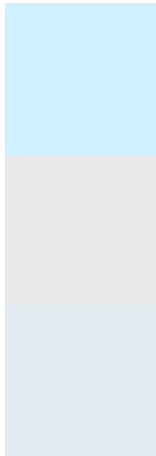
Deuteranomaly

80.4676, 82.6536, 106.3204

Tritanomaly

76.0741, 83.3891, 106.6939

Monochromacy



Original Color

75.2374, 83.3960, 106.7393

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.8679, 81.3959, 94.1504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2374, 83.3960, 106.7393 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, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 241, 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, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.2374, 83.3960, 106.7393 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, 241, 255) }
```


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

```
.border{ border-color:rgb(207, 241, 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, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 241, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 241, 255); box-shadow:4px 4px 4px 4px rgb(207, 241, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2374, 83.3960, 106.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 241, 255) }
```

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

```
.background{ background-color: rgb(207,  
241, 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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