

Converting Colors

XYZ(74.7595, 84.1251,
102.7400)

Have a look what the booklet for
XYZ(74.7595, 84.1251, 102.7400)
contains.

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Color

**XYZ(74.7595, 84.1251,
102.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF3FA
RGB	206, 243, 250
RGB Percent	81%, 95%, 98%
CMY	0.1921, 0.0470, 0.0196
CMYK	0.18, 0.03, 0.00, 0.02
HSL	190°, 81%, 89%
HSV	190°, 18%, 98%
XYZ	74.7595, 84.1251, 102.7400
YIQ	232.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

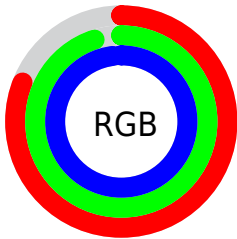
Format	Color
R _{YB}	206, 226, 250
Decimal	13562874
CIE Lab	93.50, -10.46, -7.36
CIE LCh	94, 12.792, 215.148
Yxy	84.1251, 0.2858, 0.3215
Android (android.graphics.Color)	4291752954 (0xFFCEF3FA)
YUV	232.7350, 8.5116, -23.4466
Hunter-Lab	91.7197, -15.0166, -2.2100

Details

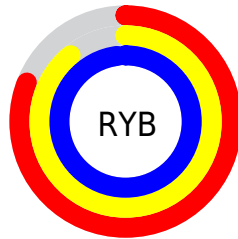
The XYZ color **74.7595, 84.1251, 102.7400** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.3599, 72.3688, 68.4435**, and the grayscale version is **77.2060, 81.2267, 88.4559**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2704, 46.0150, 57.7982** is the 20% darker color. If you saturate the color by 10%, you get **67.1873, 78.4765, 102.0502**, and if you desaturate by 10%, it is **83.4662, 90.4012, 103.4939**.

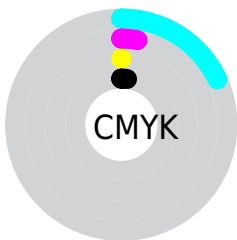
Distribution



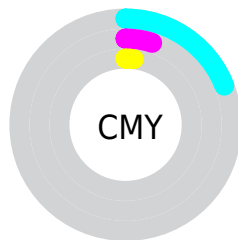
- Red (81%)
- Green (95%)
- Blue (98%)



- Red (81%)
- Yellow (89%)
- Blue (98%)



- Cyan (18%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.7595, 84.1251, 102.7400 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 74.7595, 84.1251, 102.7400 by changing the saturation by 10% instead.

74.7595, 84.1251,
102.7400

74.7595, 84.1251,
102.7400

466.1005,
508.7286, 590.2636

55.7094, 63.1187,
77.9612

124.9616,
139.1502, 167.0021

40.2060, 45.9373,
57.5258

156.8443,
173.9376, 207.3225

27.8841, 32.1963,
41.0154

193.7352,
214.0876, 253.6605

18.3784, 21.5115,
28.0113

235.9996,
259.9844, 306.4347

11.3233, 13.4984,
18.0951

284.0031,
312.0126, 366.0635

6.3536, 7.7726,
10.8481

338.1108,

3.1040, 3.9498,

370.5564, 432.9656

5.8519

398.6881,
436.0002, 507.5595

■ 1.2090, 1.6455,
2.6879

■ 0.1134, 0.3880,
0.9373

■ 74.7595, 84.1251,
102.7400

■ 74.7595, 84.1251,
102.7400

■ 67.1873, 78.4765,
102.0502

■ 83.4662, 90.4012,
103.4939

■ 60.6901, 73.4180,
101.4162

■ 92.9790, 97.1291,
104.2911

■ 55.2139, 68.9235,
100.8373

■ 94.2337, 99.6385,
104.7093

■ 50.6969, 64.9611,
100.3106

■ 94.2556, 99.6822,
104.7166

■ 47.0708, 61.4952,
99.8327

■ 44.2577, 58.4854,
99.4000

■ 42.1661, 55.8844,
99.0082

■ 40.6749, 53.6294,
98.6516

■ 40.3631, 53.1173,
98.5691

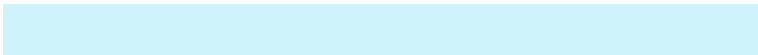
Harmonies

Analogous

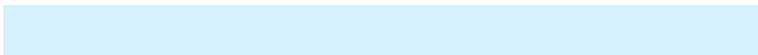
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6567, 84.1251, 93.2786



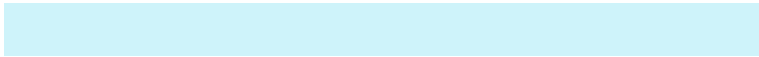
74.7595, 84.1251, 102.7400



77.2571, 84.1251, 109.5525

Triad

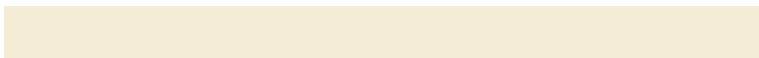
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7595, 84.1251, 102.7400



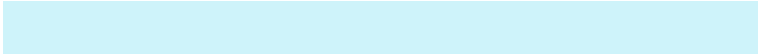
86.0037, 84.1251, 99.6481



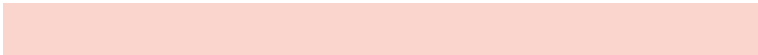
79.3765, 84.1251, 74.2774

Complementary

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



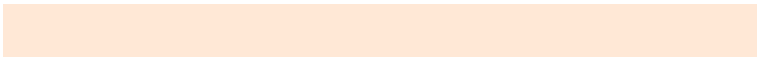
74.7595, 84.1251, 102.7400



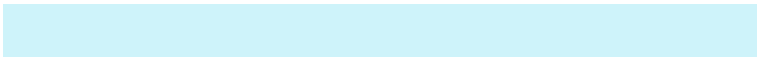
74.3599, 72.3688, 68.4435

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.



82.7220, 84.1251, 75.7208



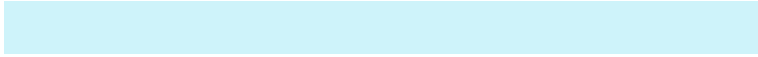
74.7595, 84.1251, 102.7400



86.6097, 84.1251, 89.9376

Square

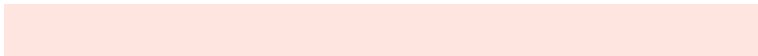
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7595, 84.1251, 102.7400



83.7597, 84.1251, 107.6811



85.3929, 84.1251, 81.2920



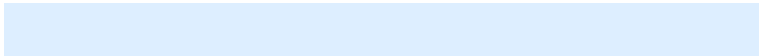
76.2739, 84.1251, 77.2017

Rectangle

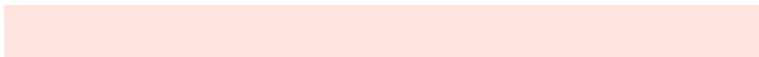
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



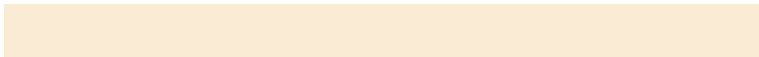
74.7595, 84.1251, 102.7400



79.4097, 84.1251, 111.4307



85.3929, 84.1251, 81.2920



80.5096, 84.1251, 74.2702

Sweetspot

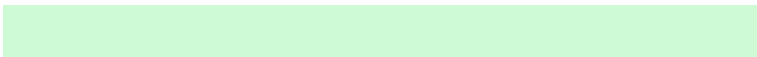
The Sweet Spot groups the original color and five complimentary colors.



74.7620, 84.1286, 102.7419



89.8704, 96.3747, 108.4732



71.6002, 86.2783, 75.5662



19.0855, 20.5220, 23.2052



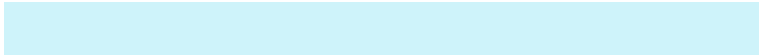
0.0000, 0.0000, 0.0000



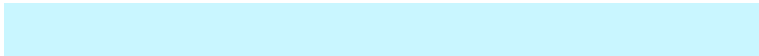
20.3446, 21.4041, 23.3091

Same Dimension

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



74.7620, 84.1286, 102.7419



75.3619, 85.9067, 107.2174



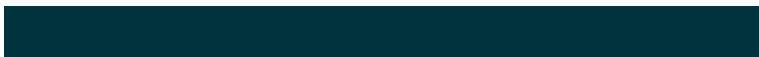
68.6727, 71.9500, 100.7121



17.5170, 19.1108, 22.1508



21.4982, 28.3520, 52.3130



2.0521, 2.7478, 4.8654

Inverse Universe

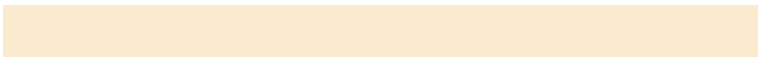
The Inverse Universe completely reimagines the original color for something new.



77.6753, 70.9395, 94.3967



78.9408, 69.9270, 96.9159



80.1603, 83.9696, 70.3770



17.8675, 17.4744, 21.1579



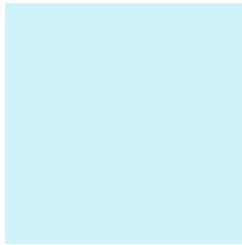
27.1433, 13.2731, 33.7928



2.5447, 1.2416, 3.2919

Previews

White Background



This preview shows how the XYZ color 74.7595, 84.1251, 102.7400 looks on a white background.

Color Contrast Check

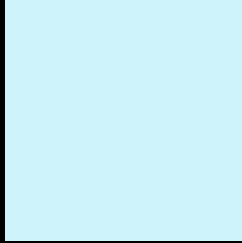
Large Text (above 18pt) WCAG AA × Fail

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 74.7595, 84.1251, 102.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

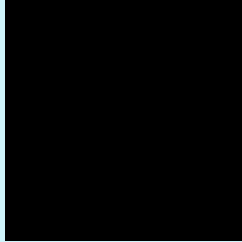
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7595, 84.1251, 102.7400

Background



This preview shows how black text looks on a background with the XYZ color 74.7595, 84.1251, 102.7400.

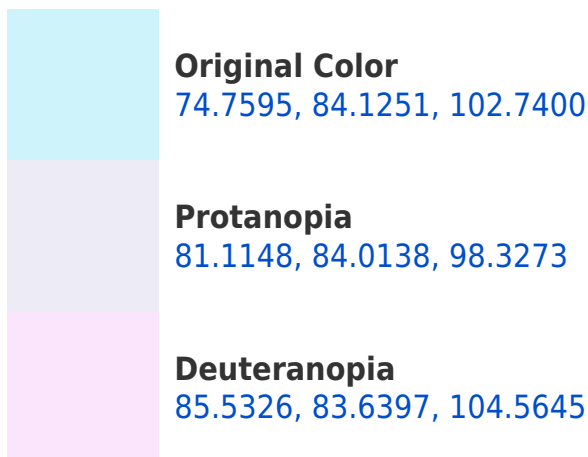


This preview shows how white text looks on a background with the XYZ color 74.7595, 84.1251,

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

77.2344, 83.9872, 106.7482

Trichromacy



Original Color

74.7595, 84.1251, 102.7400

Protanomaly

78.7271, 84.0332, 100.0664

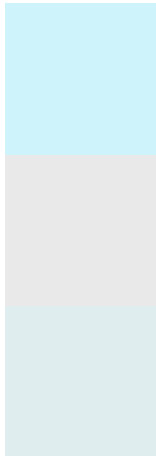
Deuteranomaly

81.2545, 83.5361, 103.9370

Tritanomaly

76.3363, 83.9995, 105.1187

Monochromacy



Original Color

74.7595, 84.1251, 102.7400

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.2956, 82.4883, 93.5620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7595, 84.1251, 102.7400 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(206, 243, 250)` looks like.

```
.text, #text, p{  
    color:rgb(206, 243, 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(206, 243, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 243, 250) }
```

Border

The CSS property to change the border of an element to XYZ 74.7595, 84.1251, 102.7400 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(206, 243, 250) }
```


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

```
.border{ border-color:rgb(206, 243, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 243, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 243, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 243, 250);  
box-shadow:4px 4px 4px 4px rgb(206, 243,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7595, 84.1251, 102.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 243, 250) }
```

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

```
.background{ background-color: rgb(206,  
243, 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](#).

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