

Converting Colors

XYZ(74.6247, 85.8751,
107.2501)

Have a look what the booklet for
XYZ(74.6247, 85.8751, 107.2501)
contains.

XYZ(74.5995, 85.7473, 107.2268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.5995, 85.7473,
107.2268)**

Conversions

Conversions Part 1

Format	Color
Hex	C6F7FF
RGB	198, 247, 255
RGB Percent	78%, 97%, 100%
CMY	0.2235, 0.0314, 0.0000
CMYK	0.22, 0.03, 0.00, 0.00
HSL	188°, 100%, 89%
HSV	188°, 22%, 100%
XYZ	74.5995, 85.7473, 107.2268
YIQ	233.2610, -31.7720, -7.9000

Conversions

Conversions Part 2

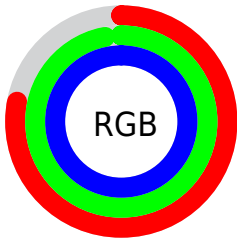
Format	Color
R_{YB}	198, 224, 255
Decimal	13039615
CIE _{Lab}	94.20, -13.80, -8.97
CIE _{LCh}	94, 16.464, 213.026
Yxy	85.7473, 0.2788, 0.3205
Android (android.graphics.Color)	4291229695 (0xFFC6F7FF)
YUV	233.2610, 10.7173, -30.9239
Hunter-Lab	92.5998, -18.2481, -3.8355

Details

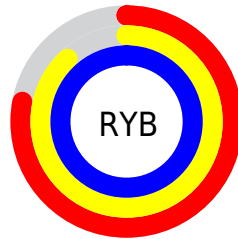
The XYZ color **74.5995, 85.7473, 107.2268** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.5043, 69.4791, 62.9646**, and the grayscale version is **77.5895, 81.6302, 88.8953**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1515, 47.1785, 60.4162** is the 20% darker color. If you saturate the color by 10%, you get **67.3527, 80.4053, 106.5777**, and if you desaturate by 10%, it is **83.0034, 91.7214, 107.9370**.

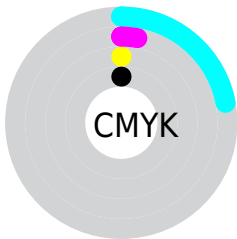
Distribution



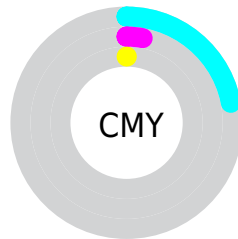
- Red (78%)
- Green (97%)
- Blue (100%)



- Red (78%)
- Yellow (88%)
- Blue (100%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.5995, 85.7473, 107.2268 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 74.5995, 85.7473, 107.2268 by changing the saturation by 10% instead.

74.5995, 85.7473,
107.2268

74.5995, 85.7473,
107.2268

465.5583,
514.0976, 604.5657

55.5779, 64.4590,
81.6991

124.7362,
141.4168, 173.1917

40.1002, 47.0226,
60.5832

156.5820,
176.5668, 214.4660

27.8013, 33.0535,
43.4605

193.4332,
217.1062, 261.8263

18.3156, 22.1674,
29.9125

235.6553,
263.4194, 315.6910

11.2779, 13.9800,
19.5207

283.6134,
315.8907, 376.4788

6.3227, 8.1067,
11.8665

337.6731,

3.0848, 4.1633,

374.9046, 444.6082

6.5314

398.1996,
440.8454, 520.4976

■ 1.1988, 1.7653,
3.0969

■ 0.1054, 0.4654,
1.1443

■ 74.5995, 85.7473,
107.2268

■ 74.5995, 85.7473,
107.2268

■ 67.3527, 80.4053,
106.5777

■ 83.0034, 91.7214,
107.9370

■ 61.1994, 75.6558,
105.9852

■ 92.6102, 98.3448,
108.7091

■ 56.0802, 71.4702,
105.4471

■ 95.0500, 100.0000,
108.9000

■ 51.9274, 67.8134,
104.9602

■ 48.6648, 64.6460,
104.5208

■ 46.2046, 61.9225,
104.1247

■ 44.4408, 59.5881,
103.7671

■ 43.4417, 58.0033,
103.5139

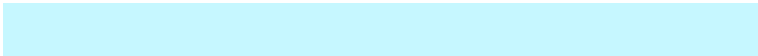
Harmonies

Analogous

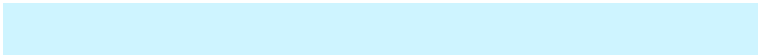
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3271, 85.7473, 94.6515



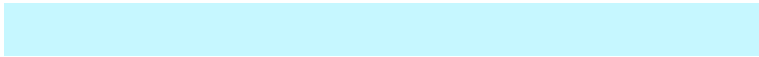
74.5995, 85.7473, 107.2268



77.7165, 85.7473, 116.7078

Triad

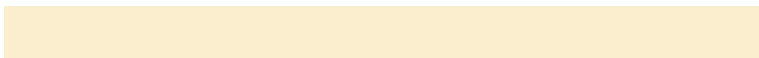
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5995, 85.7473, 107.2268



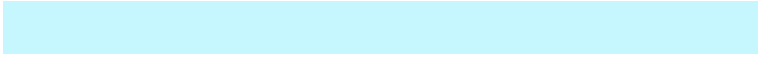
89.2886, 85.7473, 104.8111



81.0536, 85.7473, 71.1644

Complementary

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



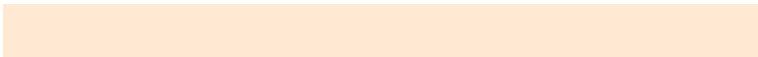
74.5995, 85.7473, 107.2268



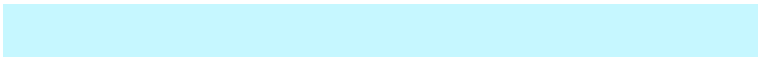
73.5043, 69.4791, 62.9646

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.



85.4049, 85.7473, 73.3614



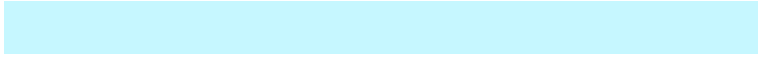
74.5995, 85.7473, 107.2268



90.2592, 85.7473, 92.0887

Square

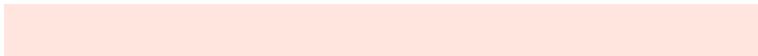
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



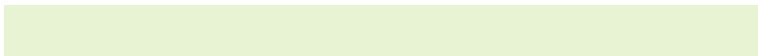
74.5995, 85.7473, 107.2268



86.2069, 85.7473, 115.2272



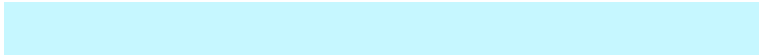
88.8139, 85.7473, 80.7511



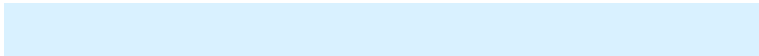
76.9681, 85.7473, 74.4580

Rectangle

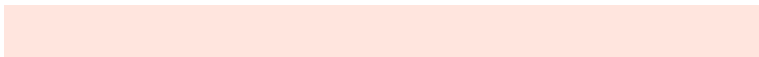
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5995, 85.7473, 107.2268



80.4757, 85.7473, 119.5866



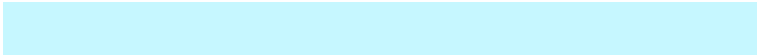
88.8139, 85.7473, 80.7511



82.5335, 85.7473, 71.2860

Sweetspot

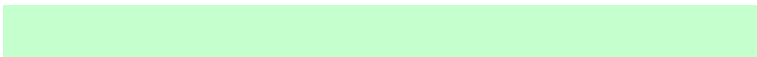
The Sweet Spot groups the original color and five complimentary colors.



74.6018, 85.7507, 107.2273



87.9916, 95.1832, 108.3423



70.1419, 87.9631, 71.4215



18.7096, 20.2875, 23.1797



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.



74.6018, 85.7507, 107.2273



71.0922, 83.1900, 106.9181



66.6455, 69.8381, 104.5752



18.3249, 20.0213, 23.1486



22.7828, 30.4751, 54.1161



2.2754, 3.0815, 5.2881

Inverse Universe

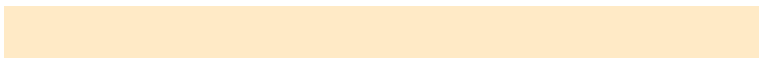
The Inverse Universe completely reimagines the original color for something new.



78.2240, 68.3653, 97.0726



75.3643, 63.0545, 94.8590



80.8850, 84.2406, 65.4249



18.6766, 18.2540, 22.1802



28.2879, 13.8044, 36.4960



2.7831, 1.3556, 3.7053

Previews

White Background



This preview shows how the XYZ color 74.5995, 85.7473, 107.2268 looks on a white background.

Color Contrast Check

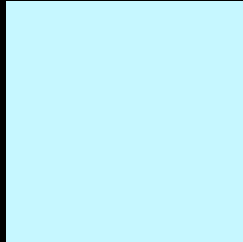
Large Text (above 18pt) WCAG AA × Fail

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 74.5995, 85.7473, 107.2268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

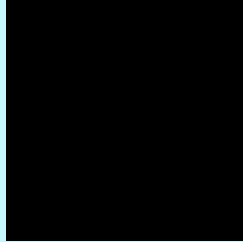
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5995, 85.7473, 107.2268

Background



This preview shows how black text looks on a background with the XYZ color 74.5995, 85.7473, 107.2268.

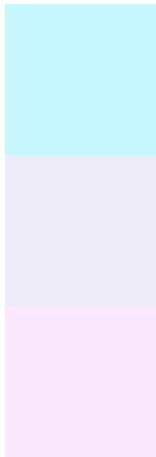


This preview shows how white text looks on a background with the XYZ color 74.5995, 85.7473,

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

74.5995, 85.7473, 107.2268

Protanopia

82.6909, 85.1812, 101.7059

Deuteranopia

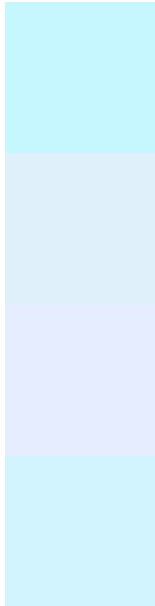
85.9735, 85.0730, 106.4972



Tritanopia

78.1249, 85.7683, 107.0450

Trichromacy



Original Color

74.5995, 85.7473, 107.2268

Protanomaly

79.3131, 85.1325, 103.5188

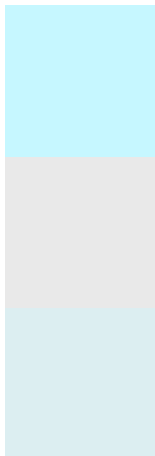
Deuteranomaly

80.9673, 84.6114, 106.6719

Tritanomaly

76.6952, 85.4767, 107.0641

Monochromacy



Original Color

74.5995, 85.7473, 107.2268

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.9669, 82.7156, 95.1809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5995, 85.7473, 107.2268 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(198, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 247, 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(198, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.5995, 85.7473, 107.2268 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(198, 247, 255) }
```


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

```
.border{ border-color:rgb(198, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5995, 85.7473, 107.2268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 247, 255) }
```

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

```
.background{ background-color: rgb(198,  
247, 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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