

Converting Colors

XYZ(87.2791, 88.0550,
172.5047)

Have a look what the booklet for
XYZ(87.2791, 88.0550, 172.5047)
contains.

XYZ(74.9589, 83.2524, 106.7263)	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(74.9589, 83.2524,
106.7263)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF1FF
RGB	206, 241, 255
RGB Percent	81%, 95%, 100%
CMY	0.1921, 0.0549, 0.0000
CMYK	0.19, 0.05, 0.00, 0.00
HSL	197°, 100%, 90%
HSV	197°, 19%, 100%
XYZ	74.9589, 83.2524, 106.7263
YIQ	232.1310, -25.3540, -3.0660

Conversions

Conversions Part 2

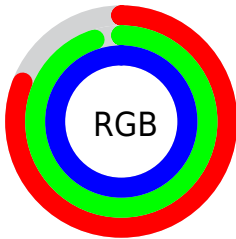
Format	Color
R_{YB}	206, 226, 255
Decimal	13562367
CIE _{Lab}	93.12, -8.41, -10.52
CIE _{LCh}	93, 13.473, 231.365
Yxy	83.2524, 0.2829, 0.3142
Android (android.graphics.Color)	4291752447 (0xFFCEFF)
YUV	232.1310, 11.2744, -22.9169
Hunter-Lab	91.2428, -13.0312, -5.4814

Details

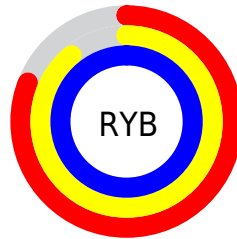
The XYZ color **74.9589, 83.2524, 106.7263** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.9735, 76.9016, 69.1281**, and the grayscale version is **76.7335, 80.7296, 87.9146**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3045, 45.3545, 60.0561** is the 20% darker color. If you saturate the color by 10%, you get **66.3332, 75.6709, 105.7175**, and if you desaturate by 10%, it is **84.8237, 91.6050, 107.8186**.

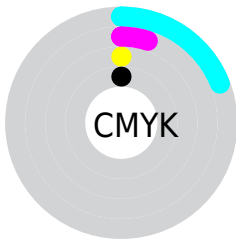
Distribution



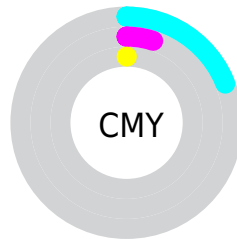
- Red (81%)
- Green (95%)
- Blue (100%)



- 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 74.9589, 83.2524, 106.7263 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 74.9589, 83.2524, 106.7263 by changing the saturation by 10% instead.

74.9589, 83.2524,
106.7263

74.9589, 83.2524,
106.7263

466.7756,
505.8273, 602.9791

55.8733, 62.3984,
81.2816

125.2424,
137.9289, 172.5026

40.3379, 45.3547,
60.2412

157.1710,
172.5202, 213.6713

27.9875, 31.7369,
43.1865

194.1113,
212.4594, 260.9184

18.4566, 21.1606,
29.6990

236.4286,
258.1308, 314.6624

11.3800, 13.2415,
19.3601

284.4884,
309.9190, 375.3220

6.3922, 7.5950,
11.7513

338.6559,

3.1279, 3.8369,

368.2082, 443.3156

6.4541

399.2965,
433.3828, 519.0618

■ 1.2218, 1.5828,
3.0499

■ 0.1234, 0.3459,
1.1202

■ 74.9589, 83.2524,
106.7263

■ 74.9589, 83.2524,
106.7263

■ 66.3332, 75.6709,
105.7175

■ 84.8237, 91.6050,
107.8186

■ 58.8837, 68.8200,
104.7878

95.0500, 100.0000,
108.9000

■ 52.5516, 62.6702,
103.9345

■ 47.2704, 57.1856,
103.1542

■ 42.9659, 52.3264,
102.4432

■ 39.5536, 48.0475,
101.7971

■ 36.9332, 44.2955,
101.2110

■ 34.9542, 40.9913,
100.6776

■ 34.8116, 40.7433,
100.6372

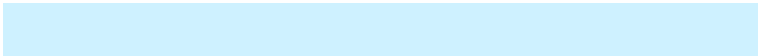
Harmonies

Analogous

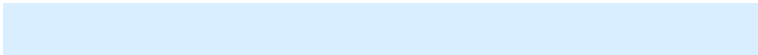
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9639, 83.2524, 97.9288



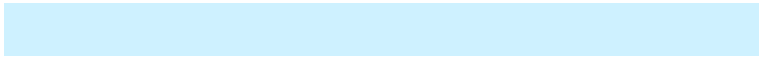
74.9589, 83.2524, 106.7263



78.1124, 83.2524, 111.2962

Triad

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



74.9589, 83.2524, 106.7263



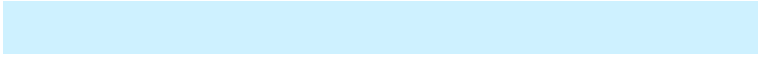
86.0437, 83.2524, 93.6031



76.6775, 83.2524, 73.6946

Complementary

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



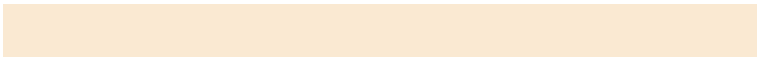
74.9589, 83.2524, 106.7263



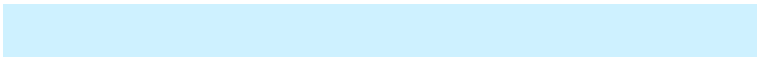
77.9735, 76.9016, 69.1281

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.



80.1542, 83.2524, 72.7255



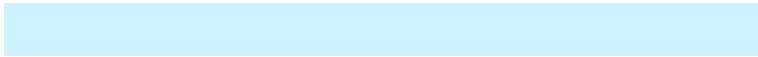
74.9589, 83.2524, 106.7263



85.6318, 83.2524, 83.7367

Square

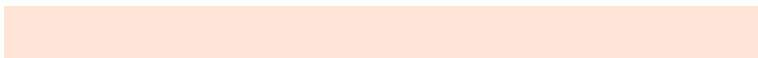
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



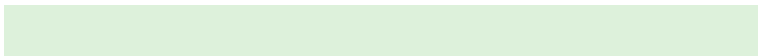
74.9589, 83.2524, 106.7263



84.5602, 83.2524, 103.3582



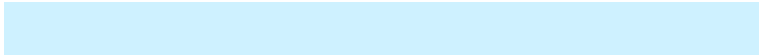
83.4508, 83.2524, 76.2709



73.9353, 83.2524, 79.0245

Rectangle

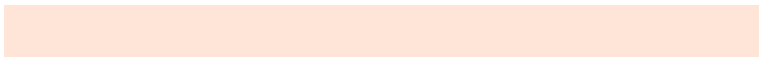
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9589, 83.2524, 106.7263



80.4764, 83.2524, 111.1116



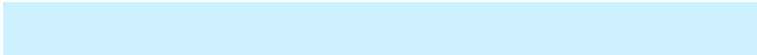
83.4508, 83.2524, 76.2709



77.7965, 83.2524, 72.8646

Sweetspot

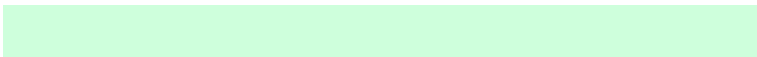
The Sweet Spot groups the original color and five complimentary colors.



74.9611, 83.2557, 106.7268



88.2651, 94.4561, 108.1875



74.1174, 89.8034, 81.0579



18.7404, 20.0921, 23.1404



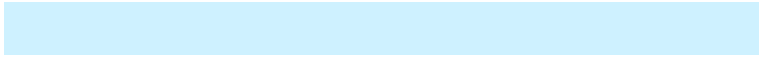
0.0000, 0.0000, 0.0000



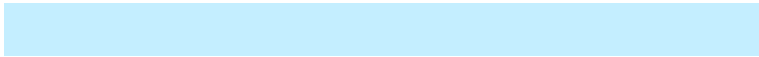
20.3446, 21.4041, 23.3091

Same Dimension

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



74.9611, 83.2557, 106.7268



71.5528, 80.2962, 106.3352



68.2191, 69.7716, 104.4795



18.0907, 19.5531, 23.0706



18.3237, 21.5570, 52.6297



1.8775, 2.2857, 5.1555

Inverse Universe

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



79.1899, 71.7551, 92.8993



76.5280, 67.0856, 89.9953



84.8472, 90.6490, 71.4193



18.5584, 18.2067, 21.5579



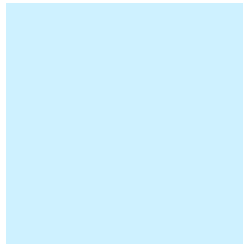
26.0372, 12.9042, 24.6439



2.5823, 1.2753, 2.6476

Previews

White Background



This preview shows how the XYZ color 74.9589, 83.2524, 106.7263 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 74.9589, 83.2524, 106.7263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

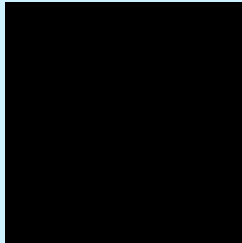
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9589, 83.2524, 106.7263

Background



This preview shows how black text looks on a background with the XYZ color 74.9589, 83.2524, 106.7263.

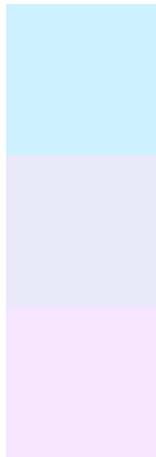


This preview shows how white text looks on a background with the XYZ color 74.9589, 83.2524,

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

74.9589, 83.2524, 106.7263

Protanopia

80.3259, 82.6724, 102.1662

Deuteranopia

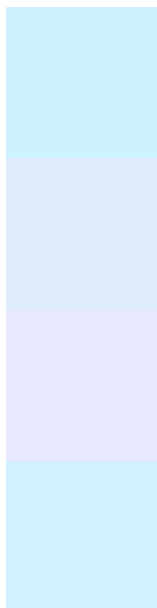
84.0753, 82.8515, 106.1684



Tritanopia

76.3571, 83.0991, 106.6230

Trichromacy



Original Color

74.9589, 83.2524, 106.7263

Protanomaly

78.3066, 82.8665, 103.9631

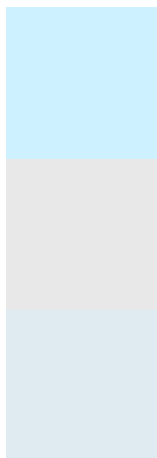
Deuteranomaly

80.1439, 82.4868, 106.3052

Tritanomaly

75.7884, 83.2418, 106.6805

Monochromacy



Original Color

74.9589, 83.2524, 106.7263

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 74.9589, 83.2524, 106.7263 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, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.9589, 83.2524, 106.7263 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, 241, 255) }
```


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

```
.border{ border-color:rgb(206, 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(206, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9589, 83.2524, 106.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 241, 255) }
```

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

```
.background{ background-color: rgb(206,  
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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