

Converting Colors

XYZ(76.3924, 90.6705, 94.9766)

Have a look what the booklet for
XYZ(76.3924, 90.6705, 94.9766)
contains.

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Color

**XYZ(76.5168, 90.7311,
95.1413)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>CDFFEF</code>
RGB	205, 255, 239
RGB Percent	80%, 100%, 94%
CMY	0.1961, 0.0000, 0.0627
CMYK	0.20, 0.00, 0.06, 0.00
HSL	161°, 100%, 90%
HSV	161°, 20%, 100%
XYZ	76.5168, 90.7311, 95.1413
YIQ	238.2260, -24.6640, -15.5760

Conversions

Conversions Part 2

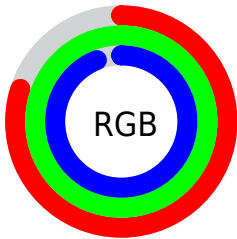
Format	Color
R _Y B	205, 235, 255
Decimal	13500399
CIE Lab	96.30, -18.92, 2.41
CIE LCh	96, 19.070, 172.727
Yxy	90.7311, 0.2916, 0.3458
Android (android.graphics.Color)	4291690479 (0xFFCDDFEF)
YUV	238.2260, 0.3816, -29.1392
Hunter-Lab	95.2529, -23.3032, 7.4565

Details

The XYZ color **76.5168, 90.7311, 95.1413** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1231, 70.1442, 77.9340**, and the grayscale version is **81.4536, 85.6955, 93.3224**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3190, 50.2911, 52.3292** is the 20% darker color. If you saturate the color by 10%, you get **68.8682, 86.9243, 88.6329**, and if you desaturate by 10%, it is **85.3679, 95.1516, 101.9929**.

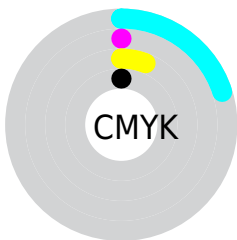
Distribution



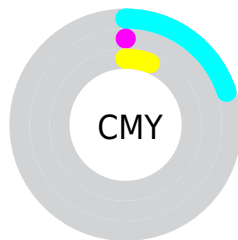
- Red (80%)
- Green (100%)
- Blue (94%)



- Red (80%)
- Yellow (92%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5168, 90.7311, 95.1413 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 76.5168, 90.7311, 95.1413 by changing the saturation by 10% instead.


 76.5168, 90.7311,
95.1413

 76.5168, 90.7311,
95.1413


472.0322,
530.4062, 565.6131

 57.1549, 68.5872,
71.6550

127.4336,
148.3535, 156.4571

 41.3703, 50.3756,
52.3918


159.7193,
184.6008, 195.1236

 28.7975, 35.7119,
36.9331


197.0436,
226.3180, 239.6874

 19.0712, 24.2118,
24.8603

239.7719,
273.8894, 290.5669

 11.8260, 15.4908,
15.7549

288.2696,
327.6996, 348.1807

 6.6967, 9.1646,
9.1984

342.9019,

 3.3178, 4.8487,

388.1329, 412.9473

4.7723

404.0344,
455.5736, 485.2853

■ 1.3240, 2.1587,
2.0579

■ 0.2010, 0.6974,
0.5905

■ 76.5168, 90.7311,
95.1413

■ 76.5168, 90.7311,
95.1413

■ 68.8682, 86.9243,
88.6329

■ 85.3679, 95.1516,
101.9929

■ 62.3634, 83.7009,
82.4571

95.0500, 100.0000,
108.9000

■ 56.9424, 81.0301,
76.6086

■ 52.5386, 78.8776,
71.0805

■ 49.0779, 77.2054,
65.8653

■ 46.4755, 75.9698,
60.9552

■ 44.6306, 75.1190,
56.3412

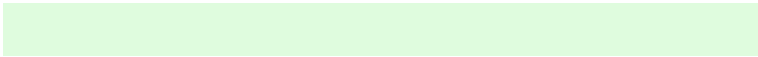
■ 43.3859, 74.5718,
52.0117

■ 43.3421, 74.5529,
51.8470

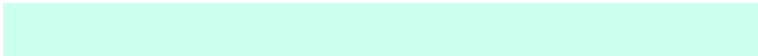
Harmonies

Analogous

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



78.3781, 90.7311, 82.1463



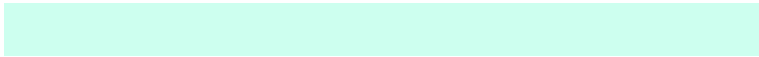
76.5168, 90.7311, 95.1413



77.1737, 90.7311, 110.5027

Triad

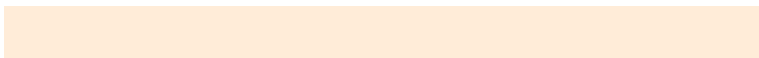
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5168, 90.7311, 95.1413



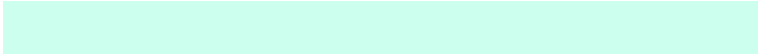
90.2352, 90.7311, 128.2343



92.5582, 90.7311, 77.3354

Complementary

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



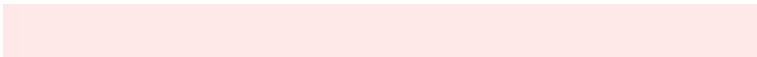
76.5168, 90.7311, 95.1413



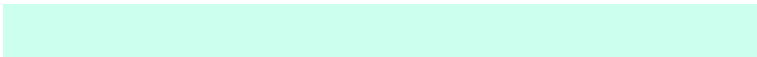
76.1231, 70.1442, 77.9340

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.



95.9839, 90.7311, 87.9370



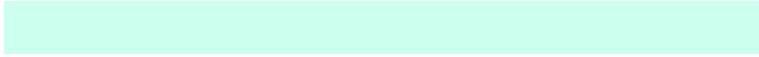
76.5168, 90.7311, 95.1413



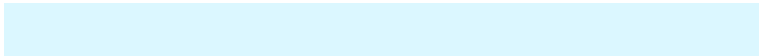
94.6048, 90.7311, 117.5440

Square

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



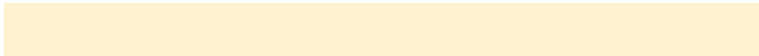
76.5168, 90.7311, 95.1413



84.9533, 90.7311, 130.6671



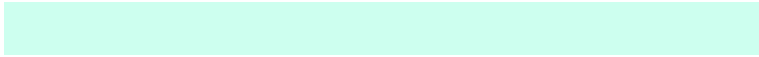
96.7478, 90.7311, 102.5323



87.5339, 90.7311, 72.5722

Rectangle

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



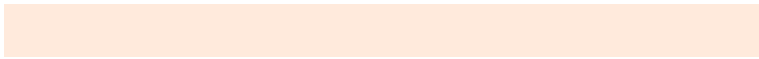
76.5168, 90.7311, 95.1413



78.9645, 90.7311, 119.9495



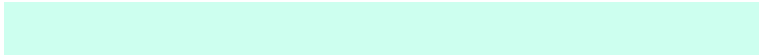
96.7478, 90.7311, 102.5323



93.9432, 90.7311, 80.2791

Sweetspot

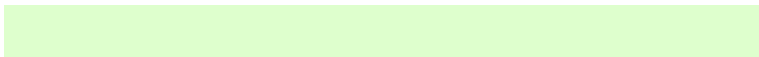
The Sweet Spot groups the original color and five complimentary colors.



76.5177, 90.7316, 95.1428



88.8651, 96.9015, 104.5484



76.8024, 91.4051, 71.3541



18.8826, 20.6717, 22.2779



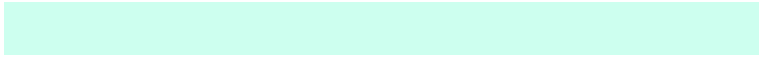
0.0000, 0.0000, 0.0000



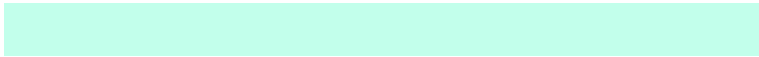
20.3446, 21.4041, 23.3091

Same Dimension

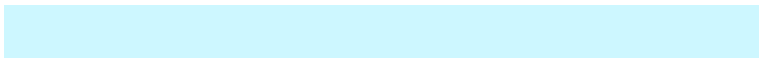
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5177, 90.7316, 95.1428



73.0126, 88.9852, 92.2414



76.3865, 86.5175, 107.2813



18.2930, 20.3767, 21.8461



22.7183, 38.9839, 27.4654



2.2619, 3.8157, 2.9367

Inverse Universe

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



76.1231, 70.1442, 77.9340



72.5462, 64.5782, 71.8470



76.1384, 73.4252, 67.9186



18.2489, 18.0829, 19.9277



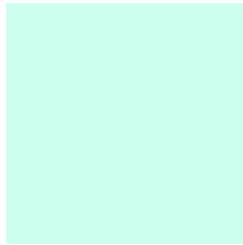
22.3964, 11.4478, 5.4718



2.2280, 1.1336, 0.7820

Previews

White Background



This preview shows how the XYZ color 76.5168, 90.7311, 95.1413 looks on a white background.

Color Contrast Check

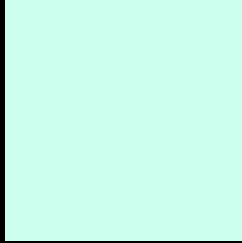
Large Text (above 18pt) WCAG AA × Fail

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 76.5168, 90.7311, 95.1413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

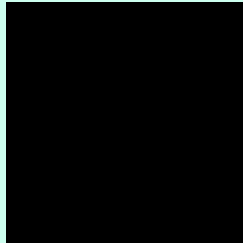
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

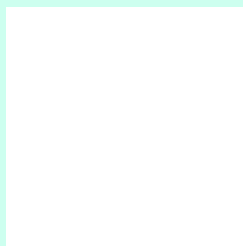
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5168, 90.7311, 95.1413

Background



This preview shows how black text looks on a background with the XYZ color 76.5168, 90.7311, 95.1413.



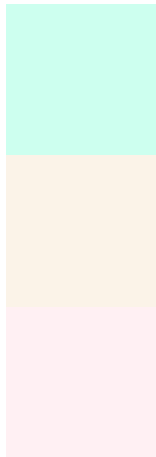
This preview shows how white text looks on a background with the XYZ color 76.5168, 90.7311,

95.1413.

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

76.5168, 90.7311, 95.1413

Protanopia

86.3997, 90.4366, 89.2462

Deuteranopia

88.5778, 90.0512, 97.5071



Tritanopia

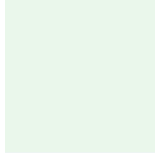
83.9608, 90.1205, 107.5775

Trichromacy



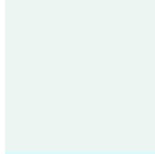
Original Color

76.5168, 90.7311, 95.1413



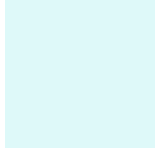
Protanomaly

82.1878, 90.0121, 91.6396



Deuteranomaly

83.6045, 89.7201, 96.9157



Tritanomaly

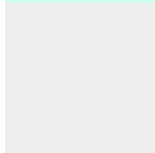
81.0988, 90.1205, 102.7432

Monochromacy



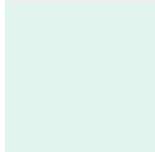
Original Color

76.5168, 90.7311, 95.1413



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.1473, 87.0432, 93.5184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5168, 90.7311, 95.1413 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(205, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 239)  
}
```

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(205, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 76.5168, 90.7311, 95.1413 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(205, 255, 239) }
```


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

```
.border{ border-color:rgb(205, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5168, 90.7311, 95.1413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 239) }
```

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

```
.background{ background-color: rgb(205,  
255, 239) }
```

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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