

Converting Colors

XYZ(80.8829, 100.0000,
105.7726)

Have a look what the booklet for
XYZ(80.8829, 100.0000, 105.7726)
contains.

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Color

**XYZ(76.0413, 90.2924,
103.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FFFA
RGB	197, 255, 250
RGB Percent	77%, 100%, 98%
CMY	0.2274, 0.0000, 0.0196
CMYK	0.23, 0.00, 0.02, 0.00
HSL	175°, 100%, 89%
HSV	175°, 23%, 100%
XYZ	76.0413, 90.2924, 103.8629
YIQ	237.0880, -32.9630, -13.8510

Conversions

Conversions Part 2

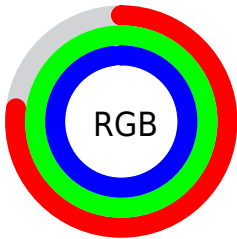
Format	Color
R_{YB}	197, 227, 255
Decimal	12976122
CIE _{Lab}	96.12, -19.10, -3.57
CIE _{LCh}	96, 19.431, 190.590
Y _{xy}	90.2924, 0.2814, 0.3342
Android (android.graphics.Color)	4291166202 (0xFFC5FFFA)
Y _{UV}	237.0880, 6.3656, -35.1572
Hunter-Lab	95.0223, -23.4450, 1.7095

Details

The XYZ color **76.0413, 90.2924, 103.8629** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.8677, 65.4582, 64.7247**, and the grayscale version is **80.5346, 84.7287, 92.2695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0870, 50.0340, 58.5309** is the 20% darker color. If you saturate the color by 10%, you get **69.5773, 86.9997, 101.7733**, and if you desaturate by 10%, it is **83.6408, 94.1701, 106.0295**.

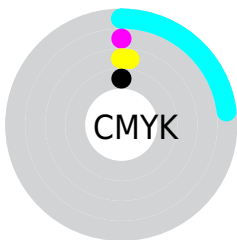
Distribution



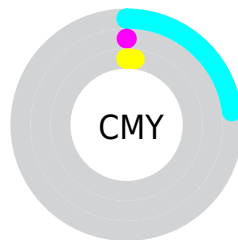
- Red (77%)
- Green (100%)
- Blue (98%)



- Red (77%)
- Yellow (89%)
- Blue (100%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (23%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.0413, 90.2924, 103.8629 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 76.0413, 90.2924, 103.8629 by changing the saturation by 10% instead.

76.0413, 90.2924,
103.8629

76.0413, 90.2924,
103.8629

470.4313,
528.9816, 593.8599

56.7635, 68.2232,
78.8957

126.7653,
147.7445, 168.5536

41.0548, 50.0793,
58.2893

158.9423,
183.8961, 209.1143

28.5498, 35.4764,
41.6250

196.1498,
225.5107, 255.7098

18.8831, 24.0301,
28.4844

238.7530,
272.9727, 308.7588

11.6893, 15.3560,
18.4489

287.1174,
326.6663, 368.6798

6.6032, 9.0696,
11.1000

341.6084,

3.2593, 4.7866,

386.9761, 435.8912

6.0191

402.5912,
454.2864, 510.8118

■ 1.2923, 2.1226,
2.7877

■ 0.1775, 0.6773,
0.9873

■ 76.0413, 90.2924,
103.8629

■ 76.0413, 90.2924,
103.8629

■ 69.5773, 86.9997,
101.7733

■ 83.6408, 94.1701,
106.0295

■ 64.1888, 84.2610,
99.7535

■ 92.4255, 98.6582,
108.2712

■ 59.8152, 82.0449,
97.8020

■ 95.0500, 100.0000,
108.9000

■ 56.3884, 80.3166,
95.9155

■ 53.8321, 79.0365,
94.0905

■ 52.0581, 78.1592,
92.3227

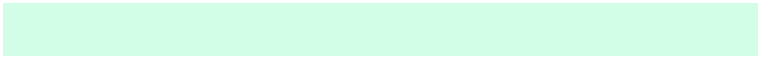
■ 50.9593, 77.6296,
90.6070

■ 50.4714, 77.4046,
89.3894

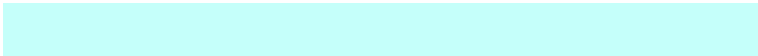
Harmonies

Analogous

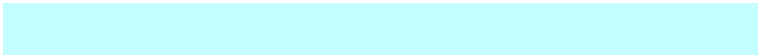
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4221, 90.2924, 88.7858



76.0413, 90.2924, 103.8629



78.1965, 90.2924, 118.8922

Triad

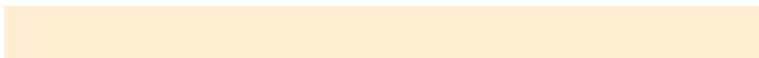
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0413, 90.2924, 103.8629



92.7335, 90.2924, 122.5895



89.3067, 90.2924, 72.9177

Complementary

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



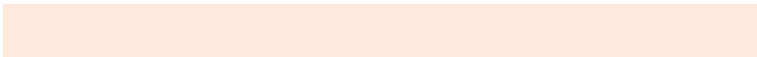
76.0413, 90.2924, 103.8629



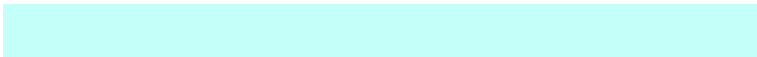
71.8677, 65.4582, 64.7247

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.



93.9240, 90.2924, 80.2572



76.0413, 90.2924, 103.8629



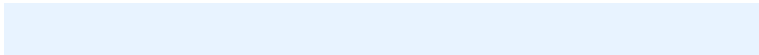
95.9589, 90.2924, 108.4987

Square

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



76.0413, 90.2924, 103.8629



87.7368, 90.2924, 130.4302



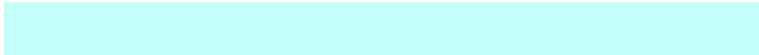
96.4035, 90.2924, 92.9646



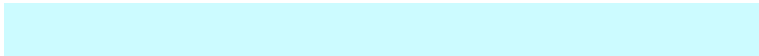
83.9318, 90.2924, 71.9551

Rectangle

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



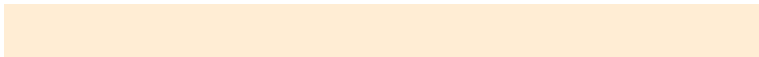
76.0413, 90.2924, 103.8629



80.8364, 90.2924, 126.4676



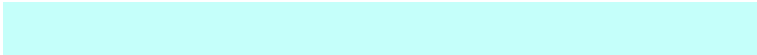
96.4035, 90.2924, 92.9646



91.0047, 90.2924, 74.6817

Sweetspot

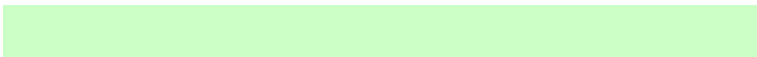
The Sweet Spot groups the original color and five complimentary colors.



76.0423, 90.2930, 103.8644



88.5384, 96.6717, 107.3076



70.4133, 88.2202, 66.1421



18.8367, 20.6334, 22.9392



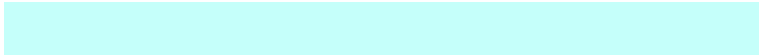
0.0000, 0.0000, 0.0000



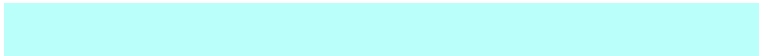
20.3446, 21.4041, 23.3091

Same Dimension

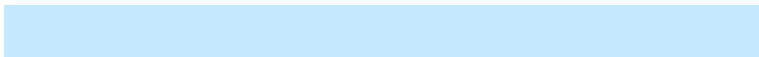
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0423, 90.2930, 103.8644



73.1554, 88.8216, 102.9655



69.8774, 76.6921, 105.7279



18.4834, 20.4529, 22.8483



26.4005, 40.4568, 46.8557



2.5896, 3.9468, 4.6625

Inverse Universe

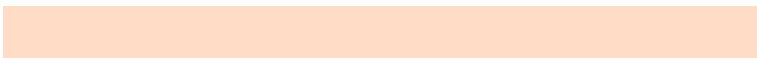
The Inverse Universe completely reimagines the original color for something new.



71.8677, 65.4582, 64.7247



68.3542, 60.2505, 57.9445



76.9646, 76.5837, 63.5508



18.0729, 18.0125, 19.0011



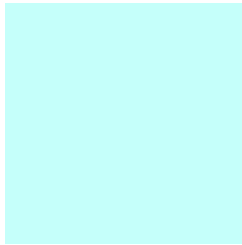
21.6460, 11.1477, 1.5202



2.1282, 1.0937, 0.2567

Previews

White Background



This preview shows how the XYZ color 76.0413, 90.2924, 103.8629 looks on a white background.

Color Contrast Check

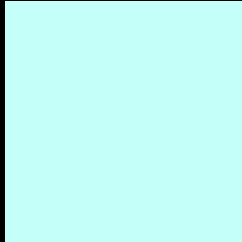
Large Text (above 18pt) WCAG AA × Fail

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 76.0413, 90.2924, 103.8629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

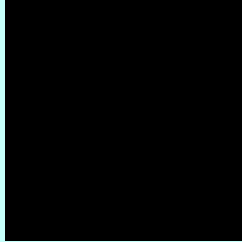
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.0413, 90.2924, 103.8629

Background



This preview shows how black text looks on a background with the XYZ color 76.0413, 90.2924, 103.8629.

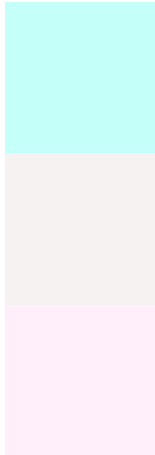


This preview shows how white text looks on a background with the XYZ color 76.0413, 90.2924,

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

76.0413, 90.2924, 103.8629

Protanopia

86.1369, 89.6892, 96.7762

Deuteranopia

89.3618, 89.8951, 103.0841



Tritanopia

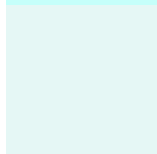
83.3057, 90.2355, 107.6343

Trichromacy



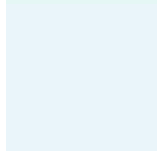
Original Color

76.0413, 90.2924, 103.8629



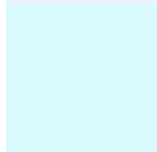
Protanomaly

82.0553, 89.7721, 99.3892



Deuteranomaly

83.8394, 89.6994, 103.3374



Tritanomaly

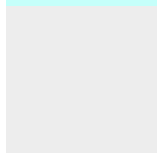
80.5305, 90.2148, 106.0973

Monochromacy



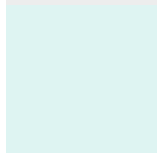
Original Color

76.0413, 90.2924, 103.8629



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.5019, 86.6418, 96.5904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0413, 90.2924, 103.8629 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(197, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 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(197, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.0413, 90.2924, 103.8629 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(197, 255, 250) }
```


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

```
.border{ border-color:rgb(197, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0413, 90.2924, 103.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 250) }
```

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

```
.background{ background-color: rgb(197,  
255, 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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