

Converting Colors

XYZ(75.9538, 90.2895,
101.9538)

Have a look what the booklet for
XYZ(75.9538, 90.2895, 101.9538)
contains.

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Color

**XYZ(75.9920, 90.3031,
102.2320)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FFF8
RGB	198, 255, 248
RGB Percent	78%, 100%, 97%
CMY	0.2235, 0.0000, 0.0274
CMYK	0.22, 0.00, 0.03, 0.00
HSL	173°, 100%, 89%
HSV	173°, 22%, 100%
XYZ	75.9920, 90.3031, 102.2320
YIQ	237.1590, -31.7250, -14.2610

Conversions

Conversions Part 2

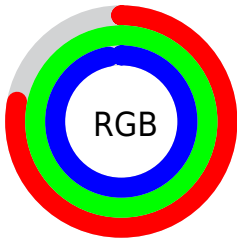
Format	Color
R _Y B	198, 228, 255
Decimal	13041656
CIE Lab	96.12, -19.22, -2.53
CIE LCh	96, 19.385, 187.492
Yxy	90.3031, 0.2830, 0.3363
Android (android.graphics.Color)	4291231736 (0xFFC6FFF8)
YUV	237.1590, 5.3446, -34.3424
Hunter-Lab	95.0279, -23.5559, 2.7348

Details

The XYZ color **75.9920, 90.3031, 102.2320** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.4542, 66.0572, 66.6897**, and the grayscale version is **80.5962, 84.7934, 92.3401**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0362, 50.0336, 57.3638** is the 20% darker color. If you saturate the color by 10%, you get **69.3455, 86.9323, 99.4076**, and if you desaturate by 10%, it is **83.7801, 94.2614, 105.1551**.

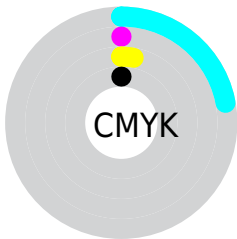
Distribution



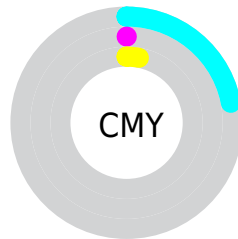
- Red (78%)
- Green (100%)
- Blue (97%)



- Red (78%)
- Yellow (89%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9920, 90.3031, 102.2320 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 75.9920, 90.3031, 102.2320 by changing the saturation by 10% instead.

75.9920, 90.3031,
102.2320

75.9920, 90.3031,
102.2320

470.2651,
529.0163, 588.6329

56.7230, 68.2321,
77.5386

126.6960,
147.7593, 166.2997

41.0221, 50.0866,
57.1809

158.8617,
183.9133, 206.5110

28.5241, 35.4822,
40.7401

196.0570,
225.5304, 252.7321

18.8636, 24.0345,
27.7979

238.6473,
272.9950, 305.3815

11.6752, 15.3592,
17.9357

286.9979,
326.6915, 364.8778

6.5935, 9.0719,
10.7348

341.4742,

3.2533, 4.7881,

387.0043, 431.6394

5.7769

402.4414,
454.3178, 506.0849

■ 1.2891, 2.1235,
2.6433

■ 0.1750, 0.6778,
0.9147

■ 75.9920, 90.3031,
102.2320

■ 75.9920, 90.3031,
102.2320

■ 69.3455, 86.9323,
99.4076

■ 83.7801, 94.2614,
105.1551

■ 63.7811, 84.1185,
96.6747

■ 92.7595, 98.8329,
108.1752

■ 59.2381, 81.8303,
94.0316

■ 95.0500, 100.0000,
108.9000

■ 55.6488, 80.0328,
91.4749

■ 52.9371, 78.6868,
89.0008

■ 51.0154, 77.7472,
86.6052

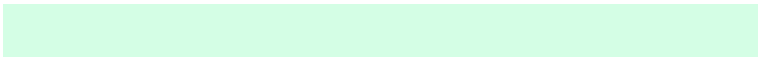
■ 49.7777, 77.1592,
84.2827

■ 49.1727, 76.8851,
82.5501

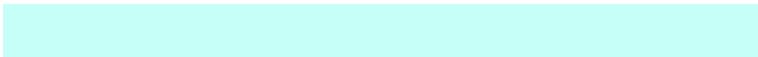
Harmonies

Analogous

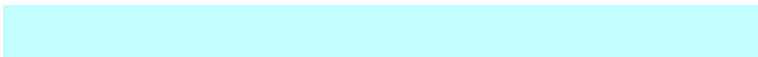
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6380, 90.3031, 87.4302



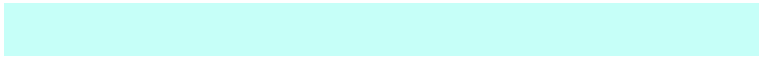
75.9920, 90.3031, 102.2320



77.8934, 90.3031, 117.4495

Triad

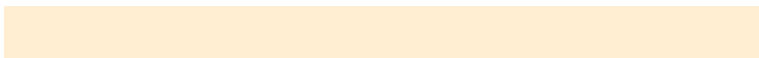
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9920, 90.3031, 102.2320



92.2714, 90.3031, 123.7115



89.8453, 90.3031, 73.4516

Complementary

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



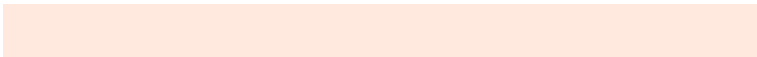
75.9920, 90.3031, 102.2320



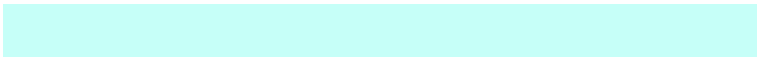
72.4542, 66.0572, 66.6897

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.



94.2890, 90.3031, 81.3976



75.9920, 90.3031, 102.2320



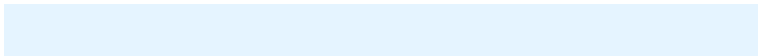
95.7299, 90.3031, 110.0887

Square

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



75.9920, 90.3031, 102.2320



87.1841, 90.3031, 130.6644



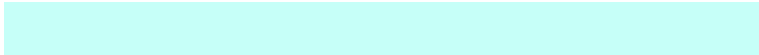
96.4833, 90.3031, 94.5183



84.4908, 90.3031, 71.8166

Rectangle

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



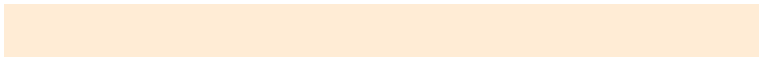
75.9920, 90.3031, 102.2320



80.3985, 90.3031, 125.4387



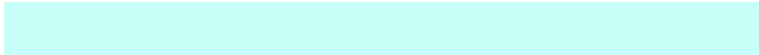
96.4833, 90.3031, 94.5183



91.5016, 90.3031, 75.4298

Sweetspot

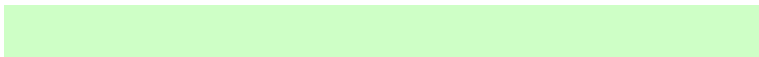
The Sweet Spot groups the original color and five complimentary colors.



75.9930, 90.3036, 102.2335



88.4343, 96.6300, 106.7590



71.2967, 88.6623, 66.7835



18.8125, 20.6237, 22.8118



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

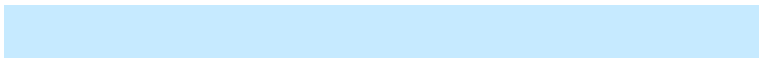
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9930, 90.3036, 102.2335



72.7648, 88.6653, 100.9083



70.7910, 78.1293, 105.9571



18.4532, 20.4408, 22.6894



25.7317, 40.1893, 43.3338



2.5312, 3.9234, 4.3554

Inverse Universe

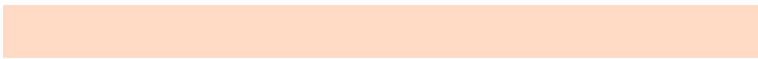
The Inverse Universe completely reimagines the original color for something new.



72.4542, 66.0572, 66.6897



68.6361, 60.3633, 59.4288



76.7392, 75.9491, 64.0428



18.1001, 18.0233, 19.1442



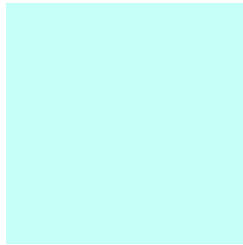
21.7083, 11.1726, 1.8485



2.1410, 1.0988, 0.3240

Previews

White Background



This preview shows how the XYZ color 75.9920, 90.3031, 102.2320 looks on a white background.

Color Contrast Check

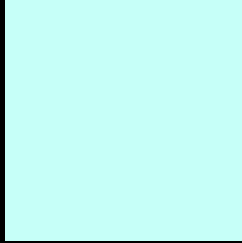
Large Text (above 18pt) WCAG AA × Fail

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 75.9920, 90.3031, 102.2320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

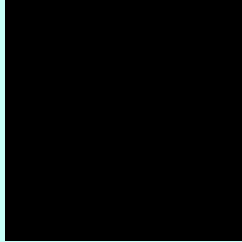
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9920, 90.3031, 102.2320

Background



This preview shows how black text looks on a background with the XYZ color 75.9920, 90.3031, 102.2320.

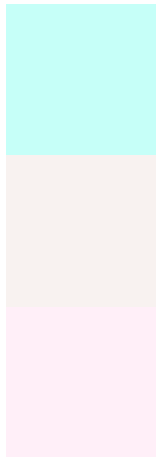


This preview shows how white text looks on a background with the XYZ color 75.9920, 90.3031,

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

75.9920, 90.3031, 102.2320

Protanopia

86.1917, 89.7520, 95.2192

Deuteranopia

89.0498, 89.7703, 101.4409



Tritanopia

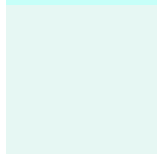
83.3057, 90.2355, 107.6343

Trichromacy



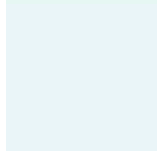
Original Color

75.9920, 90.3031, 102.2320



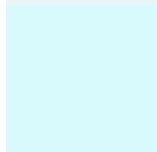
Protanomaly

82.0716, 89.8156, 97.8045



Deuteranomaly

83.5274, 89.5746, 101.6942



Tritanomaly

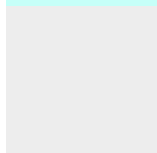
80.3716, 90.1512, 105.2603

Monochromacy



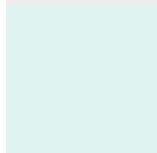
Original Color

75.9920, 90.3031, 102.2320



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.6593, 86.7402, 95.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9920, 90.3031, 102.2320 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, 255, 248)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 248)  
}
```

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, 255, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 248) }
```

Border

The CSS property to change the border of an element to XYZ 75.9920, 90.3031, 102.2320 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, 255, 248) }
```


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

```
.border{ border-color:rgb(198, 255, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 248);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9920, 90.3031, 102.2320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 248) }
```

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

```
.background{ background-color: rgb(198,  
255, 248) }
```

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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