

Converting Colors

XYZ(75.3878, 89.1653,
104.7986)

Have a look what the booklet for
XYZ(75.3878, 89.1653, 104.7986)
contains.

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Color

**XYZ(75.3028, 88.9514,
104.4672)**

Conversions

Conversions Part 1

Format	Color
Hex	C4FDFB
RGB	196, 253, 251
RGB Percent	77%, 99%, 98%
CMY	0.2314, 0.0078, 0.0157
CMYK	0.23, 0.00, 0.01, 0.01
HSL	178°, 93%, 88%
HSV	178°, 23%, 99%
XYZ	75.3028, 88.9514, 104.4672
YIQ	235.7290, -33.3300, -12.7060

Conversions

Conversions Part 2

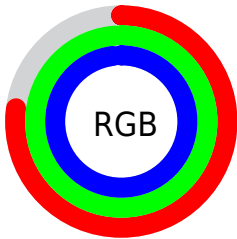
Format	Color
R_{YB}	196, 225, 253
Decimal	12910075
CIE _{Lab}	95.56, -18.20, -4.91
CIE _{LCh}	96, 18.855, 195.106
Yxy	88.9514, 0.2802, 0.3310
Android (android.graphics.Color)	4291100155 (0xFFC4FDFB)
YUV	235.7290, 7.5286, -34.8423
Hunter-Lab	94.3140, -22.5305, 0.3471

Details

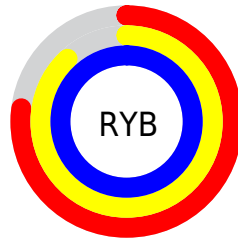
The XYZ color **75.3028, 88.9514, 104.4672** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.4441, 64.4422, 62.1555**, and the grayscale version is **79.4862, 83.6257, 91.0684**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **40.5748, 49.0827, 58.9652** is the 20% darker color. If you saturate the color by 10%, you get **69.1296, 85.7875, 103.4501**, and if you desaturate by 10%, it is **82.5915, 92.6949, 105.5437**.

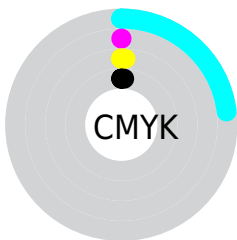
Distribution



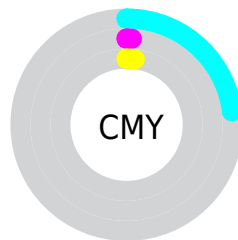
- Red (77%)
- Green (99%)
- Blue (98%)



- Red (77%)
- Yellow (88%)
- Blue (99%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (23%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3028, 88.9514, 104.4672 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 75.3028, 88.9514, 104.4672 by changing the saturation by 10% instead.

75.3028, 88.9514,
104.4672

75.3028, 88.9514,
104.4672

467.9388,
524.6139, 595.7905

56.1560, 67.1113,
79.3989

125.7265,
145.8810, 169.3879

40.5655, 49.1751,
58.7006

157.7342,
181.7392, 210.0774

28.1659, 34.7584,
41.9537

194.7595,
223.0390, 256.8111

18.5919, 23.4768,
28.7397

237.1679,
270.1646, 310.0074

11.4780, 14.9460,
18.6401

285.3247,
323.5005, 370.0850

6.4590, 8.7815,
11.2364

339.5952,

3.1694, 4.5989,

383.4311, 437.4624

6.1099

400.3448,
450.3407, 512.5580

■ 1.2440, 2.0139,
2.8421

■ 0.1407, 0.6155,
1.0146

■ 75.3028, 88.9514,
104.4672

■ 75.3028, 88.9514,
104.4672

■ 69.1296, 85.7875,
103.4501

■ 82.5915, 92.6949,
105.5437

■ 64.0086, 83.1636,
102.4838

■ 91.0396, 97.0338,
106.6760

■ 59.8818, 81.0521,
101.5675

■ 94.2033, 98.6484,
107.5645

■ 56.6828, 79.4189,
100.6980

■ 94.3459, 98.7054,
108.3150

■ 54.3368, 78.2253, 94.4169, 98.7338,
99.8718 108.6890

■ 52.7576, 77.4270,
99.0849

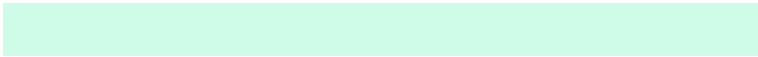
■ 51.8409, 76.9702,
98.3325

■ 51.4732, 76.7923,
97.7875

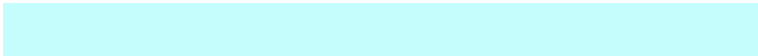
Harmonies

Analogous

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



75.2940, 88.9514, 89.7150



75.3028, 88.9514, 104.4672



77.7187, 88.9514, 118.4645

Triad

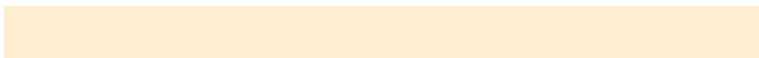
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3028, 88.9514, 104.4672



91.7887, 88.9514, 118.3789



87.1277, 88.9514, 71.8522

Complementary

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



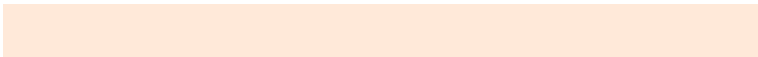
75.3028, 88.9514, 104.4672



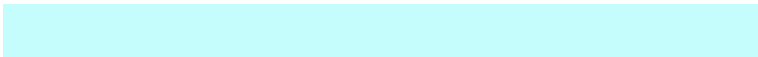
70.4441, 64.4422, 62.1555

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.



91.7611, 88.9514, 78.0439



75.3028, 88.9514, 104.4672



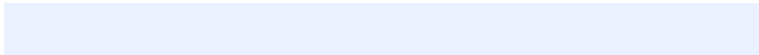
94.5257, 88.9514, 104.3598

Square

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



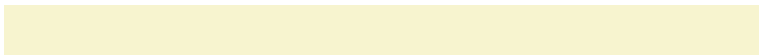
75.3028, 88.9514, 104.4672



87.1641, 88.9514, 127.0362



94.5154, 88.9514, 89.6180



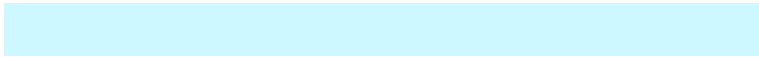
81.9801, 88.9514, 71.8747

Rectangle

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



75.3028, 88.9514, 104.4672



80.4280, 88.9514, 125.0550



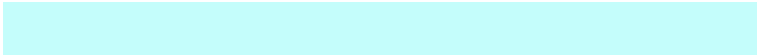
94.5154, 88.9514, 89.6180



88.8015, 88.9514, 73.2457

Sweetspot

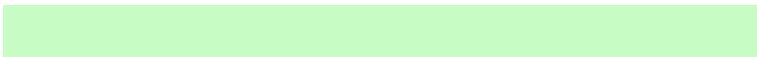
The Sweet Spot groups the original color and five complimentary colors.



75.3054, 88.9550, 104.4692



88.6843, 96.7300, 108.0757



68.6051, 86.3614, 65.2797



18.8706, 20.6469, 23.1177



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

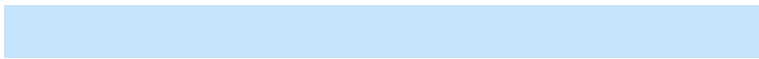
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.3054, 88.9550, 104.4692



73.7090, 89.0430, 105.8804



68.0621, 73.9603, 103.6213



18.5257, 20.4698, 23.0711



27.3926, 40.8536, 52.0802



2.6754, 3.9811, 5.1146

Inverse Universe

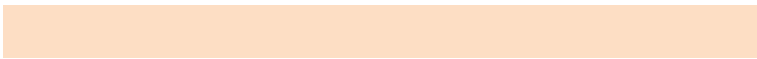
The Inverse Universe completely reimagines the original color for something new.



70.4441, 64.4422, 62.1555



67.9692, 60.0965, 55.9170



76.5034, 76.9280, 63.0426



18.0352, 17.9974, 18.8028



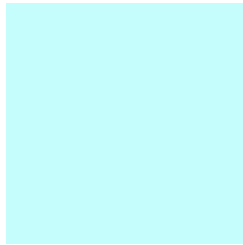
21.5856, 11.1235, 1.2024



2.1104, 1.0865, 0.1628

Previews

White Background



This preview shows how the XYZ color 75.3028, 88.9514, 104.4672 looks on a white background.

Color Contrast Check

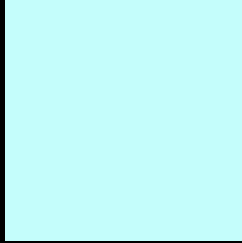
Large Text (above 18pt) WCAG AA × Fail

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 75.3028, 88.9514, 104.4672 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

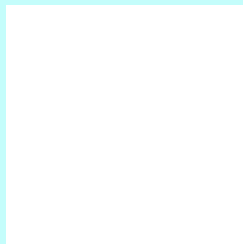
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3028, 88.9514, 104.4672

Background



This preview shows how black text looks on a background with the XYZ color 75.3028, 88.9514, 104.4672.

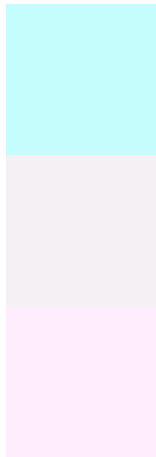


This preview shows how white text looks on a background with the XYZ color 75.3028, 88.9514,

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

75.3028, 88.9514, 104.4672

Protanopia

85.1454, 88.2643, 98.1370

Deuteranopia

88.8061, 88.2792, 104.4545



Tritanopia

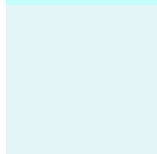
81.4429, 88.3721, 107.3728

Trichromacy



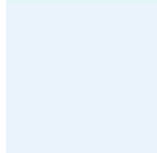
Original Color

75.3028, 88.9514, 104.4672



Protanomaly

81.1195, 88.3511, 100.7737



Deuteranomaly

83.2545, 88.0250, 104.6980



Tritanomaly

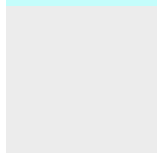
79.1884, 88.5867, 106.6912

Monochromacy



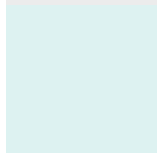
Original Color

75.3028, 88.9514, 104.4672



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.4481, 85.2273, 95.5876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3028, 88.9514, 104.4672 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(196, 253, 251)` looks like.

```
.text, #text, p{  
    color:rgb(196, 253, 251)  
}
```

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(196, 253, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 253, 251) }
```

Border

The CSS property to change the border of an element to XYZ 75.3028, 88.9514, 104.4672 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(196, 253, 251) }
```


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

```
.border{ border-color:rgb(196, 253, 251) }
```

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

Here you see how a box with a 4 pixel rgb(196, 253, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 253, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 253, 251);  
box-shadow:4px 4px 4px 4px rgb(196, 253,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3028, 88.9514, 104.4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 253, 251) }
```

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

```
.background{ background-color: rgb(196,  
253, 251) }
```

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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