

Converting Colors

XYZ(105.8880, 150.3919,
108.1367)

Have a look what the booklet for
XYZ(105.8880, 150.3919, 108.1367)
contains.

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Color

**XYZ(75.7571, 90.2704,
98.2251)**

Conversions

Conversions Part 1

Format	Color
Hex	C8FFF3
RGB	200, 255, 243
RGB Percent	78%, 100%, 95%
CMY	0.2157, 0.0000, 0.0471
CMYK	0.22, 0.00, 0.05, 0.00
HSL	167°, 100%, 89%
HSV	167°, 22%, 100%
XYZ	75.7571, 90.2704, 98.2251
YIQ	237.1870, -28.9280, -15.3920

Conversions

Conversions Part 2

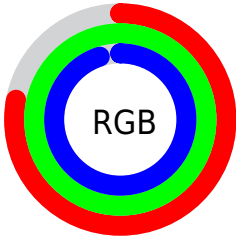
Format	Color
R_{YB}	200, 231, 255
Decimal	13172723
CIE _{Lab}	96.11, -19.64, 0.04
CIE _{LCh}	96, 19.640, 179.878
Y _{xy}	90.2704, 0.2867, 0.3416
Android (android.graphics.Color)	4291362803 (0xFFC8FFF3)
Y _{UV}	237.1870, 2.8658, -32.6130
Hunter-Lab	95.0107, -23.9413, 5.2116

Details

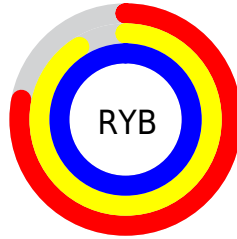
The XYZ color **75.7571, 90.2704, 98.2251** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.7787, 67.3233, 71.3941**, and the grayscale version is **80.6347, 84.8339, 92.3842**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8408, 49.9958, 54.5113** is the 20% darker color. If you saturate the color by 10%, you get **68.6780, 86.7166, 93.5755**, and if you desaturate by 10%, it is **83.9994, 94.4209, 103.0649**.

Distribution



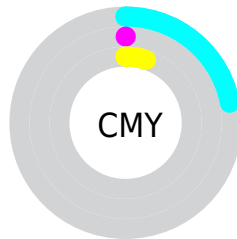
- Red (78%)
- Green (100%)
- Blue (95%)



- Red (78%)
- Yellow (91%)
- Blue (100%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7571, 90.2704, 98.2251 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 75.7571, 90.2704, 98.2251 by changing the saturation by 10% instead.


 75.7571, 90.2704,
98.2251

 75.7571, 90.2704,
98.2251


469.4730,
528.9101, 575.6851

 56.5297, 68.2049,
74.2105


126.3657,
147.7139, 160.7465

 40.8664, 50.0645,
54.4685


158.4776,
183.8608, 200.0903

 28.4020, 35.4646,
38.5806

195.6150,
225.4702, 245.3809

 18.7709, 24.0210,
26.1283

238.1434,
272.9267, 297.0369

 11.6079, 15.3492,
16.6930

286.4280,
326.6145, 355.4767

 6.5475, 9.0648,
9.8562

340.8342,

 3.2246, 4.7835,

386.9180, 421.1190

5.1994

401.7274,
454.2218, 494.3823

■ 1.2736, 2.1208,
2.3039

■ 0.1633, 0.6763,
0.7334

■ 75.7571, 90.2704,
98.2251

■ 75.7571, 90.2704,
98.2251

■ 68.6780, 86.7166,
93.5755

■ 83.9994, 94.4209,
103.0649

■ 62.7027, 83.7289,
89.1079

■ 93.4545, 99.1937,
108.0941

■ 57.7709, 81.2763,
84.8196

■ 95.0500, 100.0000,
108.9000

■ 53.8151, 79.3239,
80.7065

■ 50.7598, 77.8330,
76.7636

■ 48.5184, 76.7588,
72.9858

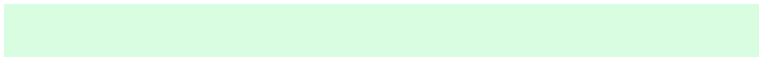
■ 46.9863, 76.0475,
69.3669

■ 46.1117, 75.6607,
66.4315

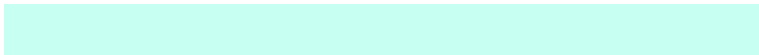
Harmonies

Analogous

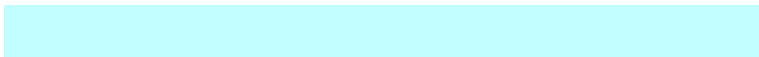
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0648, 90.2704, 84.0067



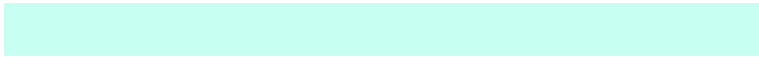
75.7571, 90.2704, 98.2251



77.0440, 90.2704, 113.9826

Triad

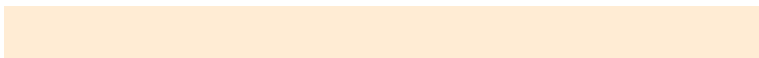
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7571, 90.2704, 98.2251



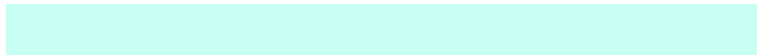
91.1170, 90.2704, 126.6246



91.1573, 90.2704, 74.5847

Complementary

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



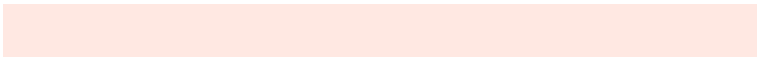
75.7571, 90.2704, 98.2251



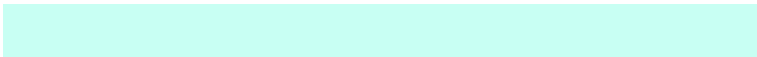
73.7787, 67.3233, 71.3941

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.



95.1940, 90.2704, 84.1066



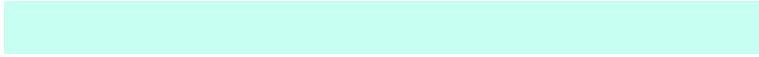
75.7571, 90.2704, 98.2251



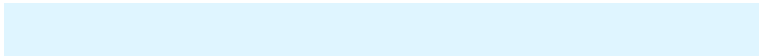
95.1700, 90.2704, 114.1050

Square

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



75.7571, 90.2704, 98.2251



85.7770, 90.2704, 131.3980



96.6919, 90.2704, 98.3532



85.8217, 90.2704, 71.2690

Rectangle

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



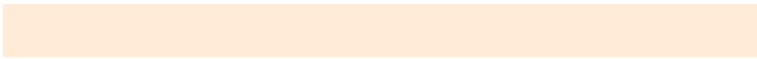
75.7571, 90.2704, 98.2251



79.2326, 90.2704, 123.0259



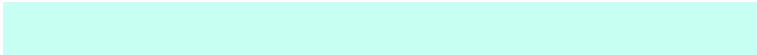
96.6919, 90.2704, 98.3532



92.7192, 90.2704, 77.1125

Sweetspot

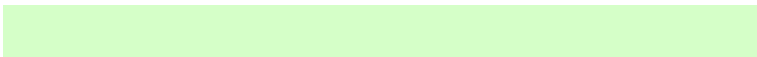
The Sweet Spot groups the original color and five complimentary colors.



75.7581, 90.2709, 98.2266



89.1106, 96.9997, 105.8412



73.5785, 89.8118, 68.1026



18.9408, 20.6950, 22.5840



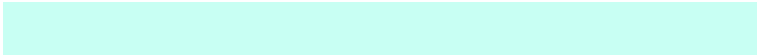
0.0000, 0.0000, 0.0000



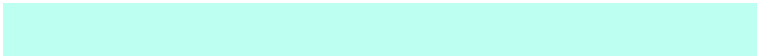
20.3446, 21.4041, 23.3091

Same Dimension

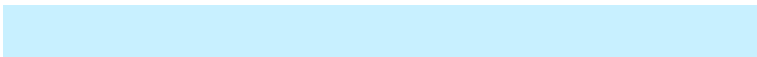
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7581, 90.2709, 98.2266



72.4799, 88.6237, 96.1422



73.1286, 82.0168, 106.5843



18.3752, 20.4096, 22.2788



24.1524, 39.5575, 35.0173



2.3917, 3.8676, 3.6203

Inverse Universe

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



73.7787, 67.3233, 71.3941



70.1722, 61.8459, 64.8414



75.8818, 73.8625, 64.9027



18.1716, 18.0519, 19.5206



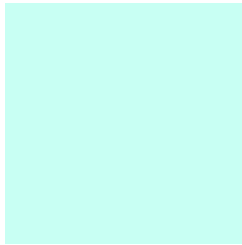
21.9618, 11.2740, 3.1832



2.1768, 1.1131, 0.5123

Previews

White Background



This preview shows how the XYZ color 75.7571, 90.2704, 98.2251 looks on a white background.

Color Contrast Check

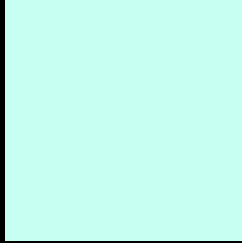
Large Text (above 18pt) WCAG AA × Fail

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 75.7571, 90.2704, 98.2251 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

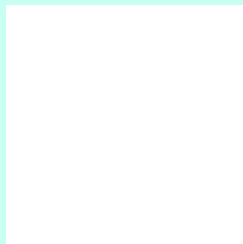
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7571, 90.2704, 98.2251

Background



This preview shows how black text looks on a background with the XYZ color 75.7571, 90.2704, 98.2251.



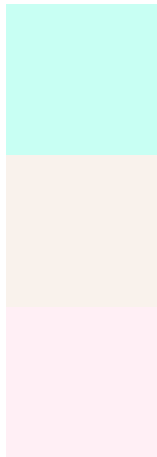
This preview shows how white text looks on a background with the XYZ color 75.7571, 90.2704,

98.2251.

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

75.7571, 90.2704, 98.2251

Protanopia

85.9594, 89.7001, 92.1402

Deuteranopia

88.5879, 89.5856, 99.0089



Tritanopia

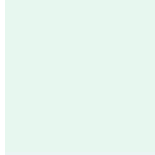
83.3189, 89.7895, 107.5475

Trichromacy



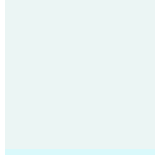
Original Color

75.7571, 90.2704, 98.2251



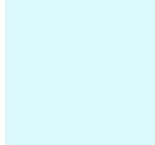
Protanomaly

81.7957, 89.7424, 94.6723



Deuteranomaly

83.2425, 89.4986, 98.4756



Tritanomaly

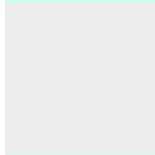
80.2017, 89.6218, 104.3384

Monochromacy



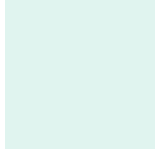
Original Color

75.7571, 90.2704, 98.2251



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.6711, 86.7807, 94.2653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7571, 90.2704, 98.2251 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(200, 255, 243)` looks like.

```
.text, #text, p{  
    color:rgb(200, 255, 243)  
}
```

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(200, 255, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 255, 243) }
```

Border

The CSS property to change the border of an element to XYZ 75.7571, 90.2704, 98.2251 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(200, 255, 243) }
```


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

```
.border{ border-color:rgb(200, 255, 243) }
```

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

Here you see how a box with a 4 pixel rgb(200, 255, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 255, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 255, 243);  
box-shadow:4px 4px 4px 4px rgb(200, 255,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7571, 90.2704, 98.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 255, 243) }
```

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

```
.background{ background-color: rgb(200,  
255, 243) }
```

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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