

Converting Colors

XYZ(75.9904, 90.7486, 82.0647)

Have a look what the booklet for
XYZ(75.9904, 90.7486, 82.0647)
contains.

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Color

**XYZ(75.9625, 90.7375,
81.9171)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FFDD
RGB	212, 255, 221
RGB Percent	83%, 100%, 87%
CMY	0.1686, 0.0000, 0.1333
CMYK	0.17, 0.00, 0.13, 0.00
HSL	133°, 100%, 92%
HSV	133°, 17%, 100%
XYZ	75.9625, 90.7375, 81.9171
YIQ	238.2670, -14.7140, -19.6900

Conversions

Conversions Part 2

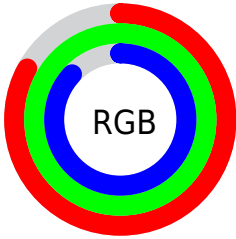
Format	Color
R_{YB}	212, 248, 255
Decimal	13959133
CIE Lab	96.30, -20.05, 11.72
CIE LCh	96, 23.229, 149.690
Yxy	90.7375, 0.3055, 0.3650
Android (android.graphics.Color)	4292149213 (0xFFD4FFDD)
YUV	238.2670, -8.5126, -23.0362
Hunter-Lab	95.2562, -24.3528, 15.6920

Details

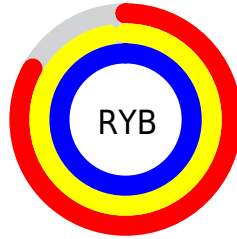
The XYZ color **75.9625, 90.7375, 81.9171** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.4183, 75.0015, 97.3738**, and the grayscale version is **81.5465, 85.7932, 93.4288**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9816, 50.3094, 43.6271** is the 20% darker color. If you saturate the color by 10%, you get **66.6555, 86.2315, 68.2908**, and if you desaturate by 10%, it is **86.7545, 95.9717, 97.2998**.

Distribution



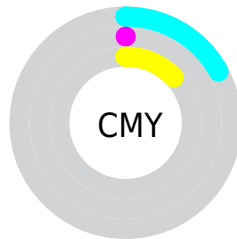
- Red (83%)
- Green (100%)
- Blue (87%)



- Red (83%)
- Yellow (97%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9625, 90.7375, 81.9171 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 75.9625, 90.7375, 81.9171 by changing the saturation by 10% instead.

 75.9625, 90.7375,
81.9171

 75.9625, 90.7375,
81.9171


470.1657,
530.4270, 521.2465

 56.6987, 68.5925,
60.7618


126.6545,
148.3624, 137.8934

 41.0026, 50.3799,
43.6036

158.8135,
184.6111, 173.5514

 28.5088, 35.7153,
30.0241


196.0015,
226.3297, 214.8808

 18.8519, 24.2144,
19.6047

238.5840,
273.9028, 262.3001

 11.6667, 15.4928,
11.9268

286.9263,
327.7147, 316.2277

 6.5877, 9.1659,
6.5719

341.3938,

 3.2497, 4.8496,

388.1497, 377.0823

3.1215

402.3518,
455.5924, 445.2824

■ 1.2871, 2.1593,
1.1570

■ 0.1736, 0.6977,
0.0000

■ 75.9625, 90.7375,
81.9171

■ 75.9625, 90.7375,
81.9171

■ 66.6555, 86.2315,
68.2908

■ 86.7545, 95.9717,
97.2998

■ 58.7657, 82.4202,
56.3542

95.0500, 100.0000,
108.9000

■ 52.2229, 79.2687,
46.0425

■ 46.9503, 76.7390,
37.2852

■ 42.8630, 74.7887,
30.0066

■ 39.8653, 73.3705,
24.1246

■ 37.8464, 72.4289,
19.5490

■ 36.6680, 71.8948,
16.1785

■ 36.4113, 71.7805,
15.3498

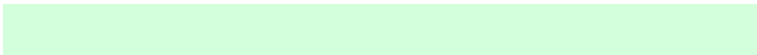
Harmonies

Analogous

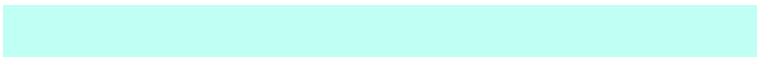
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.2386, 90.7375, 71.0154



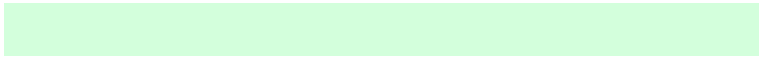
75.9625, 90.7375, 81.9171



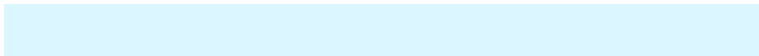
74.4139, 90.7375, 98.6056

Triad

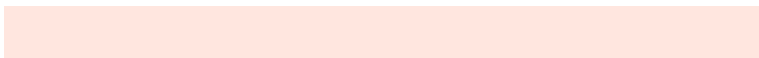
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9625, 90.7375, 81.9171



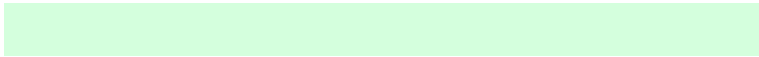
86.1762, 90.7375, 138.7915



97.4850, 90.7375, 82.2113

Complementary

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



75.9625, 90.7375, 81.9171



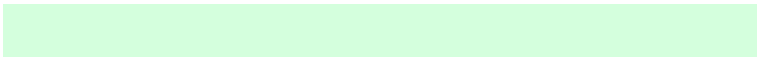
81.4183, 75.0015, 97.3738

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.



99.2642, 90.7375, 98.9900



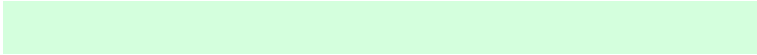
75.9625, 90.7375, 81.9171



92.5403, 90.7375, 133.0186

Square

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



75.9625, 90.7375, 81.9171



80.1279, 90.7375, 132.7844



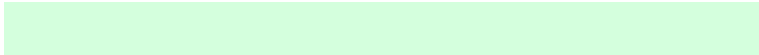
97.4122, 90.7375, 117.8513



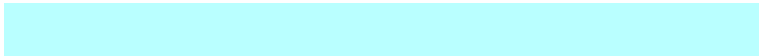
92.6622, 90.7375, 71.1698

Rectangle

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



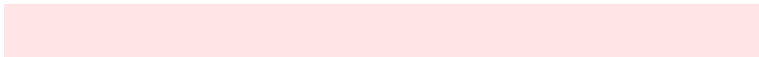
75.9625, 90.7375, 81.9171



75.0737, 90.7375, 111.2693



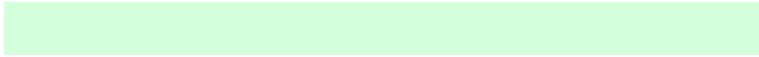
97.4122, 90.7375, 117.8513



98.4692, 90.7375, 87.2947

Sweetspot

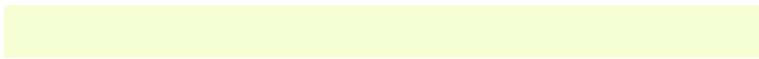
The Sweet Spot groups the original color and five complimentary colors.



75.9632, 90.7378, 81.9185



88.9329, 97.0291, 100.3625



85.7905, 95.9388, 76.2848



18.8580, 20.6822, 21.2327



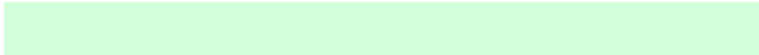
0.0000, 0.0000, 0.0000



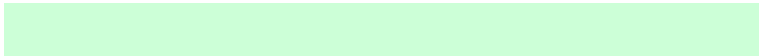
20.3446, 21.4041, 23.3091

Same Dimension

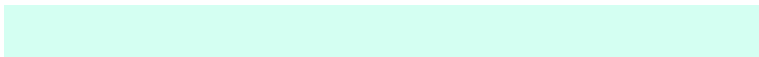
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9632, 90.7378, 81.9185



72.8859, 89.2470, 77.4565



78.9539, 91.9341, 97.6673



17.9271, 20.2304, 19.9190



19.0689, 37.5242, 8.2483



1.8942, 3.6686, 1.0008

Inverse Universe

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



81.4183, 75.0015, 97.3738



79.2113, 70.9971, 95.3755



78.3610, 73.7786, 81.2740



18.6202, 18.2314, 21.8831



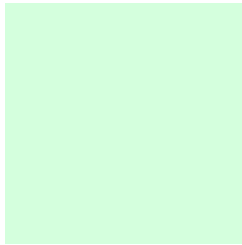
27.1523, 13.3502, 30.5164



2.6826, 1.3154, 3.1762

Previews

White Background



This preview shows how the XYZ color 75.9625, 90.7375, 81.9171 looks on a white background.

Color Contrast Check

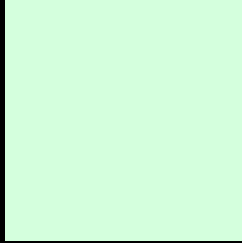
Large Text (above 18pt) WCAG AA × Fail

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 75.9625, 90.7375, 81.9171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

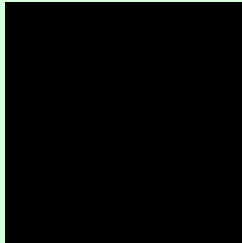
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

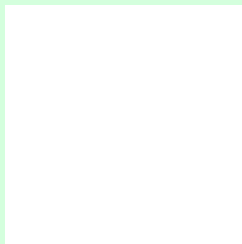
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9625, 90.7375, 81.9171

Background



This preview shows how black text looks on a background with the XYZ color 75.9625, 90.7375, 81.9171.



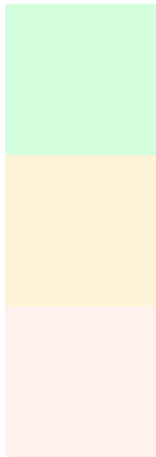
This preview shows how white text looks on a background with the XYZ color 75.9625, 90.7375,

81.9171.

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

75.9625, 90.7375, 81.9171

Protanopia

85.5563, 90.2675, 77.2040

Deuteranopia

88.1279, 90.3436, 93.6821



Tritanopia

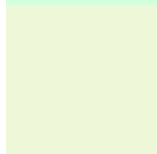
84.9375, 90.6240, 107.6232

Trichromacy



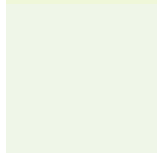
Original Color

75.9625, 90.7375, 81.9171



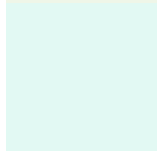
Protanomaly

81.3818, 89.8820, 78.7053



Deuteranomaly

83.1179, 90.0885, 89.3520



Tritanomaly

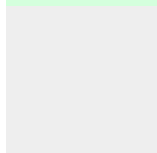
81.4174, 90.3912, 97.9501

Monochromacy



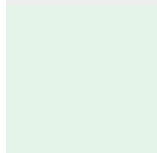
Original Color

75.9625, 90.7375, 81.9171



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.2293, 87.1856, 88.9966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9625, 90.7375, 81.9171 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(212, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 221)  
}
```

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(212, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 221) }
```

Border

The CSS property to change the border of an element to XYZ 75.9625, 90.7375, 81.9171 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(212, 255, 221) }
```


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

```
.border{ border-color:rgb(212, 255, 221) }
```

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

Here you see how a box with a 4 pixel rgb(212, 255, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9625, 90.7375, 81.9171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 221) }
```

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

```
.background{ background-color: rgb(212,  
255, 221) }
```

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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