

Converting Colors

XYZ(94.2638, 127.6004,
83.6049)

Have a look what the booklet for
XYZ(94.2638, 127.6004, 83.6049)
contains.

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Color

**XYZ(75.9219, 90.8221,
77.1472)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFD6
RGB	215, 255, 214
RGB Percent	84%, 100%, 84%
CMY	0.1569, 0.0000, 0.1608
CMYK	0.16, 0.00, 0.16, 0.00
HSL	119°, 100%, 92%
HSV	119°, 16%, 100%
XYZ	75.9219, 90.8221, 77.1472
YIQ	238.3660, -10.6790, -21.2310

Conversions

Conversions Part 2

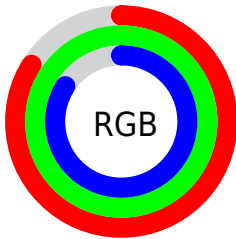
Format	Color
R _{YB}	214, 255, 254
Decimal	14155734
CIE Lab	96.34, -20.29, 15.38
CIE LCh	96, 25.461, 142.825
Yxy	90.8221, 0.3113, 0.3724
Android (android.graphics.Color)	4292345814 (0xFFD7FFD6)
YUV	238.3660, -12.0124, -20.4920
Hunter-Lab	95.3006, -24.5729, 18.7144

Details

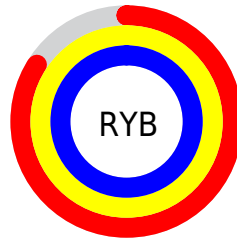
The XYZ color **75.9219, 90.8221, 77.1472** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82.9704, 76.3851, 104.9785**, and the grayscale version is **81.6472, 85.8993, 93.5443**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9493, 50.3650, 40.3640** is the 20% darker color. If you saturate the color by 10%, you get **66.1572, 86.1355, 61.0001**, and if you desaturate by 10%, it is **87.3086, 96.2859, 96.0341**.

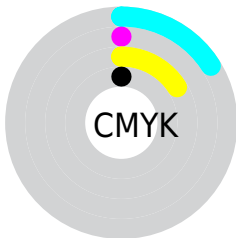
Distribution



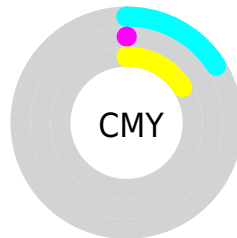
- Red (84%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9219, 90.8221, 77.1472 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 75.9219, 90.8221, 77.1472 by changing the saturation by 10% instead.


 75.9219, 90.8221,
77.1472

 75.9219, 90.8221,
77.1472


470.0288,
530.7015, 504.7167

 56.6653, 68.6627,
56.8614


126.5974,
148.4798, 131.1222

 40.9757, 50.4371,
40.4854


158.7471,
184.7469, 165.6484

 28.4877, 35.7608,
27.6005


195.9252,
226.4853, 205.7586

 18.8359, 24.2495,
17.7883

238.4970,
274.0795, 251.8712

 11.6551, 15.5188,
10.6303

286.8279,
327.9138, 304.4047

 6.5798, 9.1843,
5.7078

341.2832,

 3.2447, 4.8616,

388.3726, 363.7778

2.6023

402.2284,
455.8404, 430.4090

■ 1.2845, 2.1663,
0.8936

■ 0.1715, 0.7015,
0.0000

■ 75.9219, 90.8221,
77.1472

■ 75.9219, 90.8221,
77.1472

■ 66.1572, 86.1355,
61.0001

■ 87.3086, 96.2859,
96.0341

■ 57.9390, 82.1900,
47.4618

95.0500, 100.0000,
108.9000

■ 51.1885, 78.9479,
36.3967

■ 45.8193, 76.3679,
27.6554

■ 41.7360, 74.4043,
21.0723

■ 38.8310, 73.0059,
16.4601

■ 36.9794, 72.1127,
13.5996

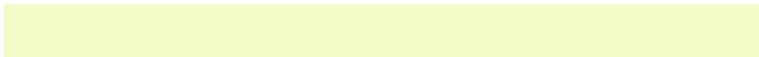
■ 36.0280, 71.6518,
12.2185

■ 35.8378, 71.5601,
11.9236

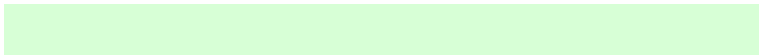
Harmonies

Analogous

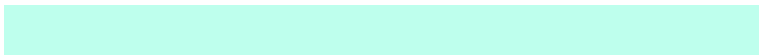
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1484, 90.8221, 67.1244



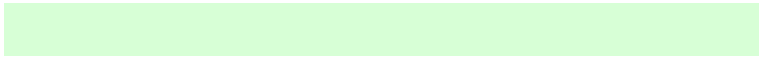
75.9219, 90.8221, 77.1472



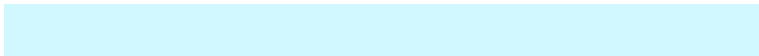
73.5058, 90.8221, 94.0984

Triad

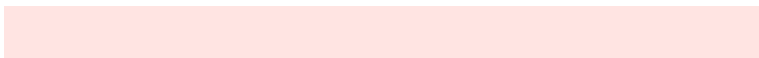
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.9219, 90.8221, 77.1472



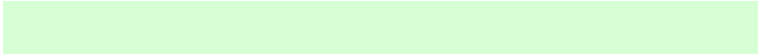
84.6340, 90.8221, 142.8487



99.4926, 90.8221, 84.5200

Complementary

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



75.9219, 90.8221, 77.1472



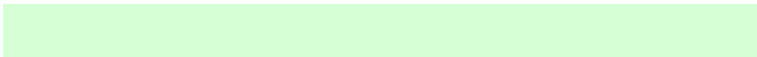
82.9704, 76.3851, 104.9785

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.



100.5512, 90.8221, 103.8412



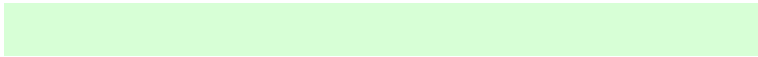
75.9219, 90.8221, 77.1472



91.7145, 90.8221, 139.3653

Square

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



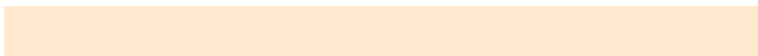
75.9219, 90.8221, 77.1472



78.3542, 90.8221, 133.3318



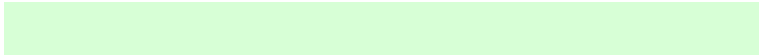
97.6346, 90.8221, 124.3760



94.8160, 90.8221, 70.9573

Rectangle

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



75.9219, 90.8221, 77.1472



73.7154, 90.8221, 107.8015



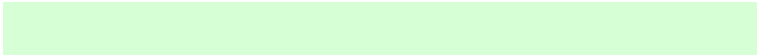
97.6346, 90.8221, 124.3760



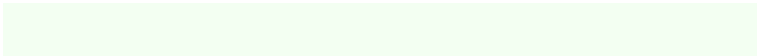
100.2934, 90.8221, 90.4834

Sweetspot

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



75.9226, 90.8224, 77.1486



88.6353, 96.9225, 98.2377



88.7034, 96.7663, 77.6223



18.7860, 20.6563, 20.7186



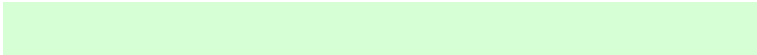
0.0000, 0.0000, 0.0000



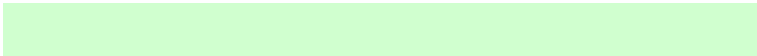
20.3446, 21.4041, 23.3091

Same Dimension

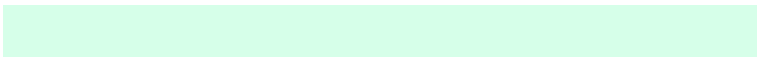
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9226, 90.8224, 77.1486



72.9044, 89.3739, 72.1519



78.2193, 91.7073, 90.7702



17.8125, 20.1892, 19.1024



18.7437, 37.4008, 6.2312



1.8388, 3.6487, 0.6074

Inverse Universe

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



82.9704, 76.3851, 104.9785



81.0608, 72.6646, 104.3610



80.4082, 75.4026, 89.5722



18.7463, 18.2765, 22.7896



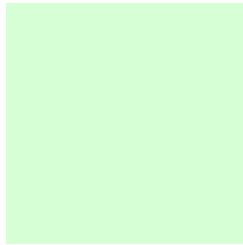
29.8245, 14.2856, 50.6200



2.9172, 1.3978, 4.9293

Previews

White Background



This preview shows how the XYZ color 75.9219, 90.8221, 77.1472 looks on a white background.

Color Contrast Check

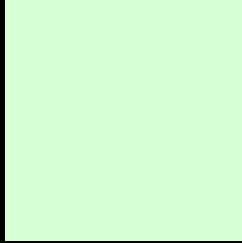
Large Text (above 18pt) WCAG AA × Fail

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 75.9219, 90.8221, 77.1472 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

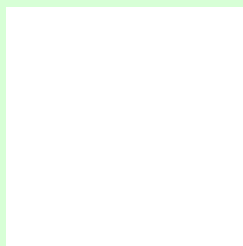
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9219, 90.8221, 77.1472

Background



This preview shows how black text looks on a background with the XYZ color 75.9219, 90.8221, 77.1472.



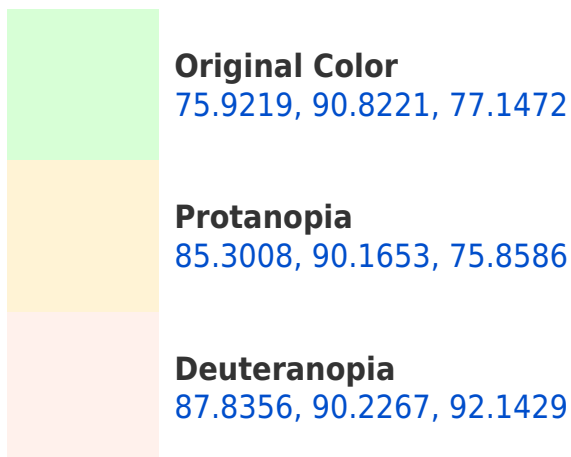
This preview shows how white text looks on a background with the XYZ color 75.9219, 90.8221,

77.1472.

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





Tritanopia

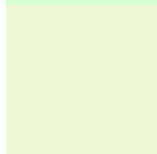
85.2667, 90.7937, 107.6386

Trichromacy



Original Color

75.9219, 90.8221, 77.1472



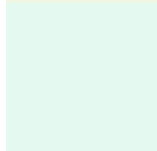
Protanomaly

81.2062, 89.8509, 76.0137



Deuteranomaly

82.8945, 90.0382, 86.4089



Tritanomaly

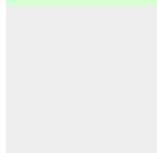
81.5988, 90.5366, 95.6127

Monochromacy



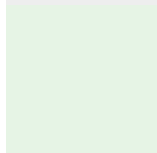
Original Color

75.9219, 90.8221, 77.1472



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.1267, 87.1815, 86.7860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9219, 90.8221, 77.1472 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(215, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 214)  
}
```

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(215, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 214) }
```

Border

The CSS property to change the border of an element to XYZ 75.9219, 90.8221, 77.1472 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(215, 255, 214) }
```


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

```
.border{ border-color:rgb(215, 255, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 255, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9219, 90.8221, 77.1472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 214) }
```

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

```
.background{ background-color: rgb(215,  
255, 214) }
```

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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