

Converting Colors

XYZ(75.8078, 90.8216, 74.5079)

Have a look what the booklet for
XYZ(75.8078, 90.8216, 74.5079)
contains.

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Color

**XYZ(75.7118, 90.7721,
74.5031)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FFD2
RGB	216, 255, 210
RGB Percent	85%, 100%, 82%
CMY	0.1529, 0.0000, 0.1765
CMYK	0.15, 0.00, 0.18, 0.00
HSL	112°, 100%, 91%
HSV	112°, 18%, 100%
XYZ	75.7118, 90.7721, 74.5031
YIQ	238.2090, -8.7990, -22.2630

Conversions

Conversions Part 2

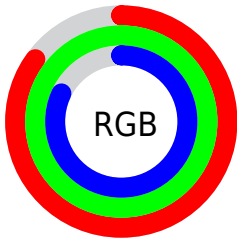
Format	Color
R_{YB}	210, 255, 249
Decimal	14221266
CIE _{Lab}	96.32, -20.63, 17.41
CIE _{LCh}	96, 26.991, 139.834
Yxy	90.7721, 0.3142, 0.3767
Android (android.graphics.Color)	4292411346 (0xFFD8FFD2)
YUV	238.2090, -13.9070, -19.4773
Hunter-Lab	95.2744, -24.8814, 20.3282

Details

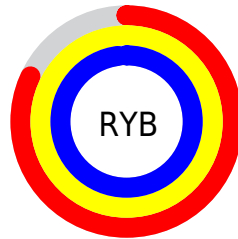
The XYZ color **75.7118, 90.7721, 74.5031** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80.1643, 73.4541, 104.5607**, and the grayscale version is **81.5387, 85.7850, 93.4199**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8084, 50.3318, 38.5745** is the 20% darker color. If you saturate the color by 10%, you get **66.6872, 86.4581, 58.7971**, and if you desaturate by 10%, it is **86.1221, 95.7420, 92.9191**.

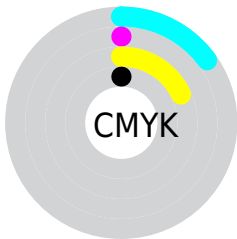
Distribution



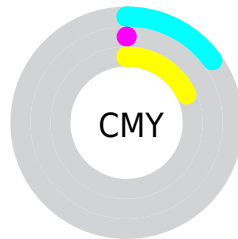
- Red (85%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (98%)



- Cyan (15%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.7118, 90.7721, 74.5031 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 75.7118, 90.7721, 74.5031 by changing the saturation by 10% instead.

75.7118, 90.7721,
74.5031

75.7118, 90.7721,
74.5031

469.3201,
530.5393, 495.4177

56.4924, 68.6212,
54.7066

126.3020,
148.4104, 127.3493

40.8364, 50.4033,
38.7699

158.4035,
184.6666, 161.2362

28.3784, 35.7339,
26.2743

195.5298,
226.3934, 200.6569

18.7530, 24.2288,
16.8014

238.0462,
273.9751, 246.0301

11.5949, 15.5034,
9.9325

286.3181,
327.7961, 297.7742

6.5387, 9.1735,
5.2492

340.7108,

3.2191, 4.8545,

388.2409, 356.3078

2.3329

401.5897,
455.6938, 422.0495

■ 1.2706, 2.1621,
0.7496

■ 0.1611, 0.6992,
0.0000

■ 75.7118, 90.7721,
74.5031

■ 75.7118, 90.7721,
74.5031

■ 66.6872, 86.4581,
58.7971

■ 86.1221, 95.7420,
92.9191

■ 58.9878, 82.7714,
45.6693

95.0500, 100.0000,
108.9000

■ 52.5511, 79.6830,
34.9832

■ 47.3090, 77.1610,
26.5881

■ 43.1868, 75.1705,
20.3164

■ 40.1013, 73.6727,
15.9779

■ 37.9570, 72.6232,
13.3484

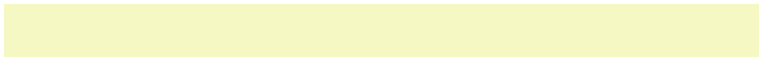
■ 36.6372, 71.9684,
12.1327

■ 36.4196, 71.8600,
11.9509

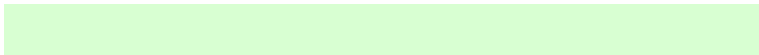
Harmonies

Analogous

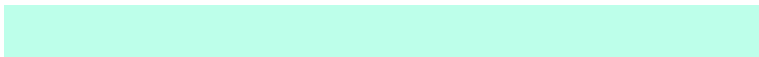
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.4720, 90.7721, 64.8333



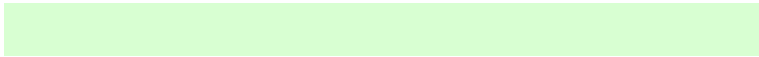
75.7118, 90.7721, 74.5031



72.8373, 90.7721, 91.7187

Triad

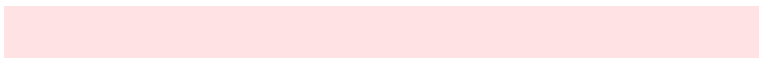
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7118, 90.7721, 74.5031



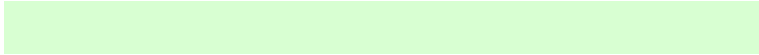
83.7541, 90.7721, 145.3510



100.5752, 90.7721, 85.4658

Complementary

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



75.7118, 90.7721, 74.5031



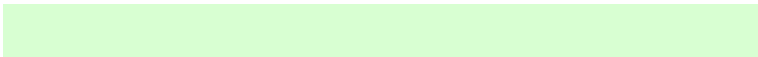
80.1643, 73.4541, 104.5607

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.



101.2740, 90.7721, 106.3110



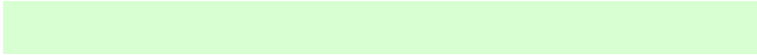
75.7118, 90.7721, 74.5031



91.2655, 90.7721, 143.0322

Square

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



75.7118, 90.7721, 74.5031



77.2990, 90.7721, 133.9007



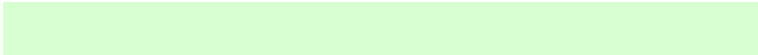
97.7802, 90.7721, 127.9608



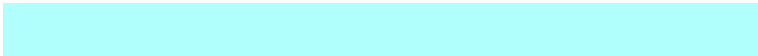
95.9228, 90.7721, 70.4979

Rectangle

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



75.7118, 90.7721, 74.5031



72.8244, 90.7721, 106.0631



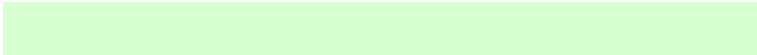
97.7802, 90.7721, 127.9608



101.2901, 90.7721, 91.9437

Sweetspot

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



75.7124, 90.7724, 74.5045



89.1154, 97.1700, 98.2602



86.7489, 93.6648, 74.4811



18.9021, 20.7162, 20.7240



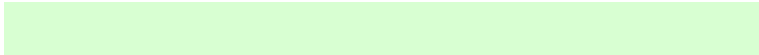
0.0000, 0.0000, 0.0000



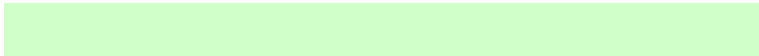
20.3446, 21.4041, 23.3091

Same Dimension

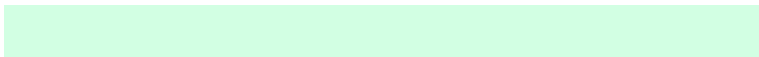
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7124, 90.7724, 74.5045



72.5341, 89.2538, 68.9410



76.1353, 90.7405, 85.8146



17.9967, 20.2842, 19.1110



19.0987, 37.5838, 6.2478



1.9257, 3.6935, 0.6114

Inverse Universe

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



80.1643, 73.4541, 104.5607



77.7037, 69.1344, 103.8566



79.7934, 73.5567, 91.2675



18.5404, 18.1703, 22.7800



25.1054, 11.8528, 50.3992



2.5076, 1.1866, 4.9102

Previews

White Background



This preview shows how the XYZ color 75.7118, 90.7721, 74.5031 looks on a white background.

Color Contrast Check

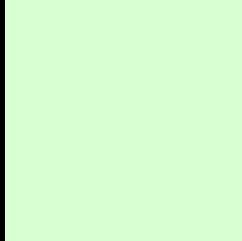
Large Text (above 18pt) WCAG AA × Fail

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 75.7118, 90.7721, 74.5031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

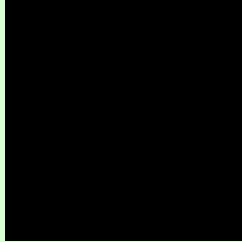
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

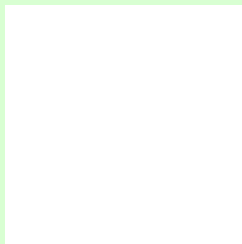
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.7118, 90.7721, 74.5031

Background



This preview shows how black text looks on a background with the XYZ color 75.7118, 90.7721, 74.5031.



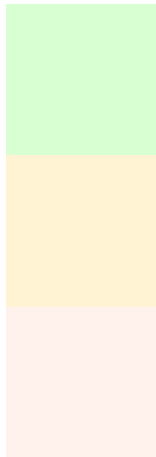
This preview shows how white text looks on a background with the XYZ color 75.7118, 90.7721,

74.5031.

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

75.7118, 90.7721, 74.5031

Protanopia

85.1743, 90.1147, 75.1921

Deuteranopia

87.6907, 90.1688, 91.3798



Tritanopia

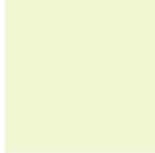
84.9634, 90.1870, 107.5375

Trichromacy



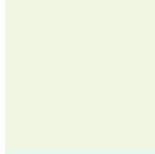
Original Color

75.7118, 90.7721, 74.5031



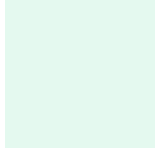
Protanomaly

81.2943, 89.9254, 74.7007



Deuteranomaly

82.9589, 90.1033, 84.9708



Tritanomaly

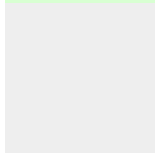
81.4506, 90.4773, 94.8323

Monochromacy



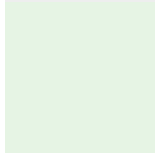
Original Color

75.7118, 90.7721, 74.5031



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

78.9874, 87.1258, 86.0527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7118, 90.7721, 74.5031 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(216, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 210)  
}
```

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(216, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 75.7118, 90.7721, 74.5031 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(216, 255, 210) }
```


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

```
.border{ border-color:rgb(216, 255, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7118, 90.7721, 74.5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 210) }
```

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

```
.background{ background-color: rgb(216,  
255, 210) }
```

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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