

Converting Colors

XYZ(111.6098, 163.8909,
86.6194)

Have a look what the booklet for
XYZ(111.6098, 163.8909, 86.6194)
contains.

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Color

**XYZ(74.8334, 90.3193,
74.4620)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FFD2
RGB	213, 255, 210
RGB Percent	84%, 100%, 82%
CMY	0.1647, 0.0000, 0.1765
CMYK	0.16, 0.00, 0.18, 0.00
HSL	116°, 100%, 91%
HSV	116°, 18%, 100%
XYZ	74.8334, 90.3193, 74.4620
YIQ	237.3120, -10.5870, -22.8990

Conversions

Conversions Part 2

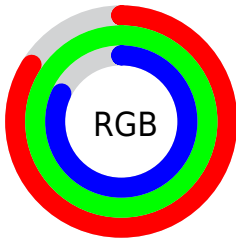
Format	Color
R _Y B	210, 255, 252
Decimal	14024658
CIE Lab	96.13, -21.62, 17.12
CIE LCh	96, 27.577, 141.626
Yxy	90.3193, 0.3123, 0.3769
Android (android.graphics.Color)	4292214738 (0xFFD5FFD2)
YUV	237.3120, -13.4648, -21.3216
Hunter-Lab	95.0365, -25.7597, 20.0712

Details

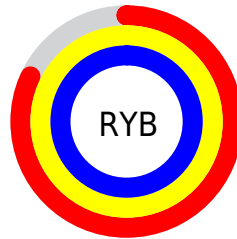
The XYZ color **74.8334, 90.3193, 74.4620** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.2423, 74.0098, 104.6111**, and the grayscale version is **80.8425, 85.0526, 92.6223**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2110, 50.0238, 38.5466** is the 20% darker color. If you saturate the color by 10%, you get **65.5006, 85.8463, 58.7416**, and if you desaturate by 10%, it is **85.6869, 95.5176, 92.8987**.

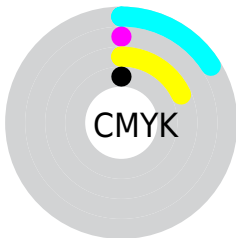
Distribution



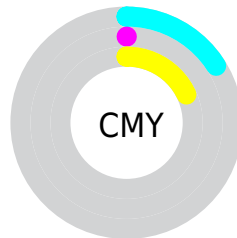
- Red (84%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (99%)



- Cyan (16%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.8334, 90.3193, 74.4620 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 74.8334, 90.3193, 74.4620 by changing the saturation by 10% instead.


 74.8334, 90.3193,
74.4620

 74.8334, 90.3193,
74.4620


466.3508,
529.0690, 495.2723

 55.7701, 68.2455,
54.6732


125.0657,
147.7818, 127.2906

 40.2549, 50.0975,
38.7433


156.9654,
183.9394, 161.1674

 27.9224, 35.4909,
26.2538


193.8746,
225.5603, 200.5774

 18.4074, 24.0412,
16.7861

236.1587,
273.0289, 245.9389

 11.3443, 15.3642,
9.9218

284.1830,
326.7297, 297.6707

 6.3679, 9.0754,
5.2422

338.3128,

 3.1128, 4.7904,

387.0471, 356.1911

2.3288

398.9137,
454.3653, 421.9188

■ 1.2137, 2.1248,
0.7473

■ 0.1172, 0.6785,
0.0000

■ 74.8334, 90.3193,
74.4620

■ 74.8334, 90.3193,
74.4620

■ 65.5006, 85.8463,
58.7416

■ 85.6869, 95.5176,
92.8987

■ 57.6186, 82.0656,
45.6053

95.0500, 100.0000,
108.9000

■ 51.1152, 78.9428,
34.9160

■ 45.9109, 76.4403,
26.5226

■ 41.9181, 74.5165,
20.2570

■ 39.0387, 73.1249,
15.9281

■ 37.1587, 72.2117,
13.3111

■ 36.1371, 71.7106,
12.1093

■ 35.9911, 71.6391,
11.9308

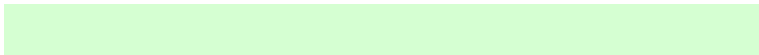
Harmonies

Analogous

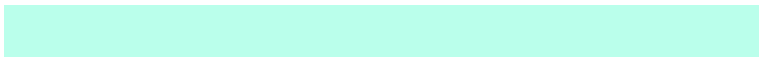
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.5434, 90.3193, 64.1791



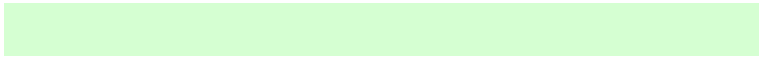
74.8334, 90.3193, 74.4620



72.1132, 90.3193, 92.3396

Triad

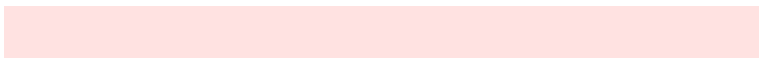
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8334, 90.3193, 74.4620



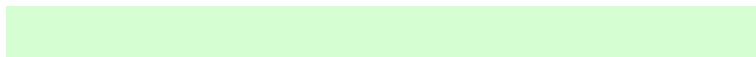
83.7234, 90.3193, 146.1295



100.2433, 90.3193, 83.6339

Complementary

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



74.8334, 90.3193, 74.4620



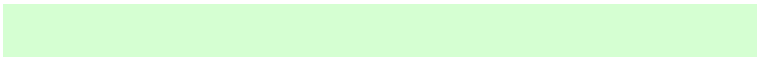
81.2423, 74.0098, 104.6111

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.



101.2196, 90.3193, 104.5998



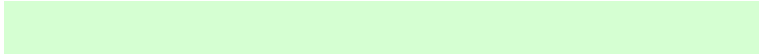
74.8334, 90.3193, 74.4620



91.3759, 90.3193, 142.8810

Square

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



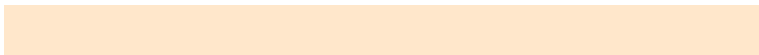
74.8334, 90.3193, 74.4620



77.0428, 90.3193, 135.1618



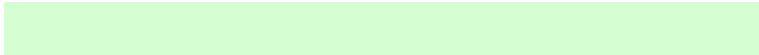
97.8888, 90.3193, 126.8497



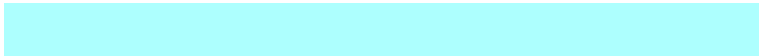
95.2950, 90.3193, 68.9019

Rectangle

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



74.8334, 90.3193, 74.4620



72.2422, 90.3193, 107.0689



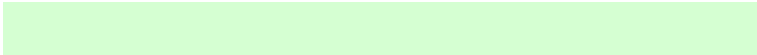
97.8888, 90.3193, 126.8497



101.0582, 90.3193, 90.1033

Sweetspot

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



74.8340, 90.3196, 74.4634



88.8212, 97.0183, 98.2464



87.6836, 95.5341, 74.7927



18.8309, 20.6795, 20.7207



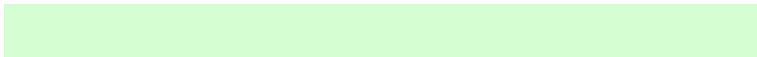
0.0000, 0.0000, 0.0000



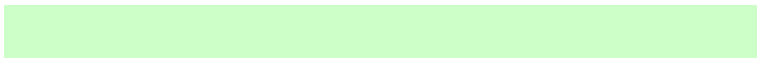
20.3446, 21.4041, 23.3091

Same Dimension

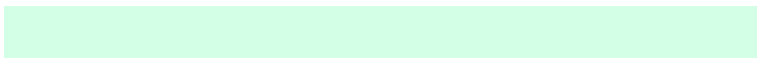
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8340, 90.3196, 74.4634



71.5377, 88.7401, 68.8944



76.5519, 90.9071, 88.0083



17.8836, 20.2259, 19.1058



18.8476, 37.4544, 6.2361



1.8725, 3.6661, 0.6089

Inverse Universe

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



81.2423, 74.0098, 104.6111



78.9808, 69.7928, 103.9164



79.3550, 73.3814, 88.9588



18.6661, 18.2351, 22.7859



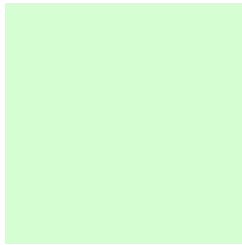
27.9074, 13.2973, 50.5303



2.7518, 1.3125, 4.9216

Previews

White Background



This preview shows how the XYZ color 74.8334, 90.3193, 74.4620 looks on a white background.

Color Contrast Check

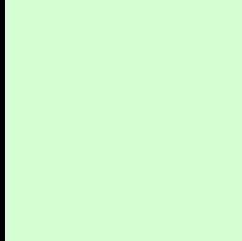
Large Text (above 18pt) WCAG AA × Fail

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 74.8334, 90.3193, 74.4620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

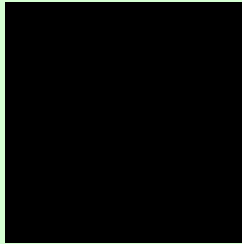
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

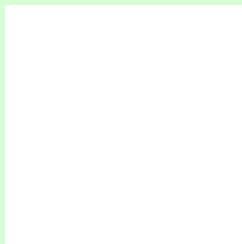
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8334, 90.3193, 74.4620

Background



This preview shows how black text looks on a background with the XYZ color 74.8334, 90.3193, 74.4620.



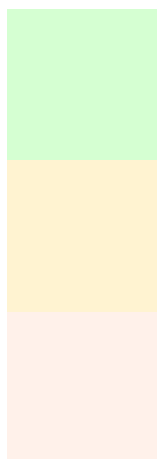
This preview shows how white text looks on a background with the XYZ color 74.8334, 90.3193,

74.4620.

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

74.8334, 90.3193, 74.4620

Protanopia

84.7992, 89.9646, 73.2171

Deuteranopia

87.5466, 90.1111, 90.6209



Tritanopia

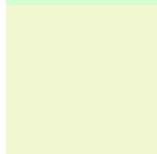
84.6341, 90.0172, 107.5221

Trichromacy



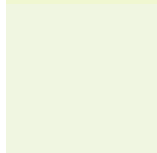
Original Color

74.8334, 90.3193, 74.4620



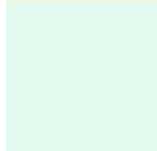
Protanomaly

80.7046, 89.6502, 73.3722



Deuteranomaly

82.4816, 89.8730, 84.2342



Tritanomaly

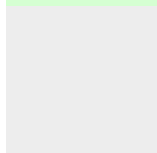
80.8197, 90.1521, 94.8028

Monochromacy



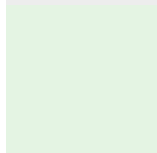
Original Color

74.8334, 90.3193, 74.4620



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.2107, 86.7414, 85.2937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8334, 90.3193, 74.4620 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(213, 255, 210)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 255, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 210) }
```

Border

The CSS property to change the border of an element to XYZ 74.8334, 90.3193, 74.4620 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(213, 255, 210) }
```


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

```
.border{ border-color:rgb(213, 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(213, 255, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 210);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8334, 90.3193, 74.4620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 210) }
```

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

```
.background{ background-color: rgb(213,  
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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