

Converting Colors

XYZ(72.4707, 84.6330, 75.8420)

Have a look what the booklet for
XYZ(72.4707, 84.6330, 75.8420)
contains.

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Color

**XYZ(72.5216, 84.4560,
76.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F5D6
RGB	214, 245, 214
RGB Percent	84%, 96%, 84%
CMY	0.1608, 0.0392, 0.1608
CMYK	0.13, 0.00, 0.13, 0.04
HSL	120°, 61%, 90%
HSV	120°, 13%, 96%
XYZ	72.5216, 84.4560, 76.0977
YIQ	232.1970, -8.5250, -16.2130

Conversions

Conversions Part 2

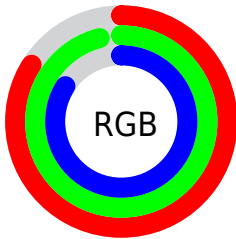
Format	Color
RYB	214, 245, 245
Decimal	14087638
CIELab	93.65, -15.73, 11.56
CIELCh	94, 19.522, 143.685
Yxy	84.4560, 0.3112, 0.3624
Android (android.graphics.Color)	4292277718 (0xFFD6F5D6)
YUV	232.1970, -8.9711, -15.9588
Hunter-Lab	91.8999, -19.9640, 15.2349

Details

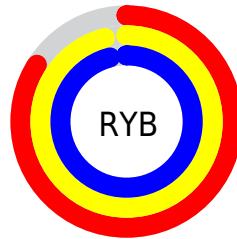
The XYZ color **72.5216, 84.4560, 76.0977** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.1872, 74.1003, 96.5721**, and the grayscale version is **76.9209, 80.9268, 88.1292**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7537, 46.2693, 39.6892** is the 20% darker color. If you saturate the color by 10%, you get **63.0047, 79.8870, 60.5292**, and if you desaturate by 10%, it is **83.5893, 89.7749, 94.1989**.

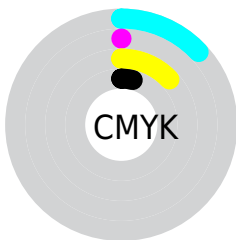
Distribution



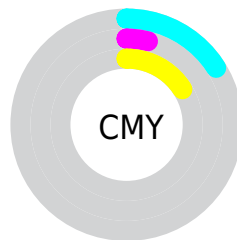
- Red (84%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5216, 84.4560, 76.0977 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 72.5216, 84.4560, 76.0977 by changing the saturation by 10% instead.

72.5216, 84.4560,
76.0977

72.5216, 84.4560,
76.0977

458.4846,
509.8263, 501.0378

53.8719, 63.3920,
56.0055

121.8046,
139.6129, 129.6264

38.7295, 46.1584,
39.8033

153.1686,
174.4745, 163.8999

26.7291, 32.3708,
27.0726

189.5014,
214.7042, 203.7376

17.5054, 21.6449,
17.3948

231.1683,
260.6862, 249.5580

10.6930, 13.5962,
10.3515

278.5347,
312.8051, 301.7797

5.9266, 7.8404,
5.5240

331.9660,

2.8407, 3.9930,

371.4451, 360.8212

2.4938

391.8275,
436.9907, 427.1011

■ 1.0701, 1.6696,
0.8369

■ 0.0000, 0.4039,
0.0000

■ 72.5216, 84.4560,
76.0977

■ 72.5216, 84.4560,
76.0977

■ 63.0047, 79.8870,
60.5292

■ 83.5893, 89.7749,
94.1989

■ 54.9629, 76.0241,
47.3753

■ 91.9440, 93.7881,
107.8647

■ 48.3244, 72.8353,
36.5168

■ 43.0089, 70.2820,
27.8223

■ 38.9278, 68.3217,
21.1469

■ 35.9818, 66.9066,
16.3281

■ 34.0563, 65.9817,
13.1785

■ 33.0126, 65.4803,
11.4713

■ 32.6541, 65.3081,
10.8848

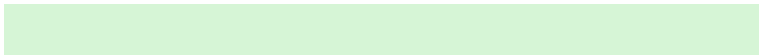
Harmonies

Analogous

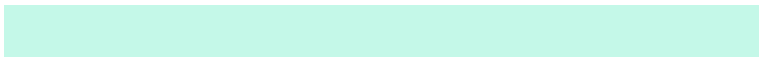
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3430, 84.4560, 68.2592



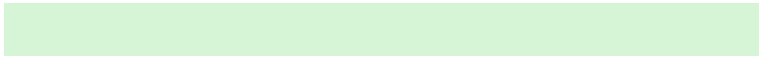
72.5216, 84.4560, 76.0977



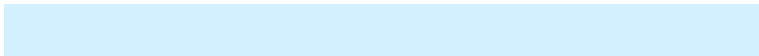
70.7865, 84.4560, 88.8601

Triad

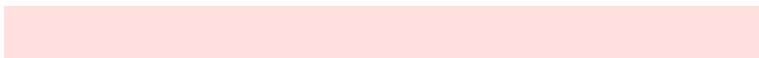
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.5216, 84.4560, 76.0977



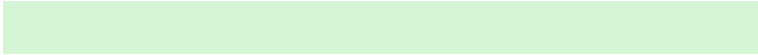
79.1837, 84.4560, 123.2787



89.7311, 84.4560, 80.9827

Complementary

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



72.5216, 84.4560, 76.0977



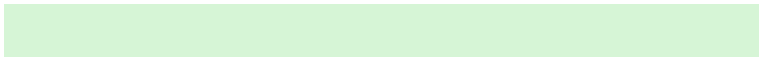
78.1872, 74.1003, 96.5721

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.



90.5711, 84.4560, 95.1276



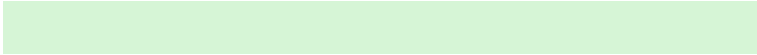
72.5216, 84.4560, 76.0977



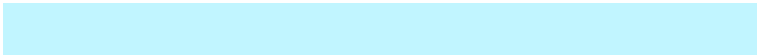
84.3354, 84.4560, 120.5913

Square

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



72.5216, 84.4560, 76.0977



74.5249, 84.4560, 116.8758



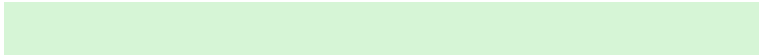
88.5577, 84.4560, 109.8823



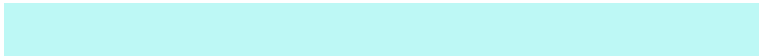
86.3091, 84.4560, 70.8606

Rectangle

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



72.5216, 84.4560, 76.0977



70.9908, 84.4560, 98.8639



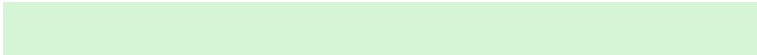
88.5577, 84.4560, 109.8823



90.3307, 84.4560, 85.3819

Sweetspot

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



72.5239, 84.4596, 76.0996



89.7974, 97.4769, 100.3084



82.4499, 89.5767, 76.5638



19.0157, 20.7658, 21.1354



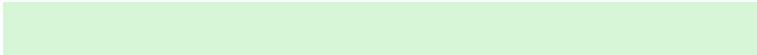
0.0000, 0.0000, 0.0000



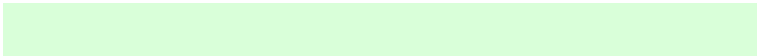
20.3446, 21.4041, 23.3091

Same Dimension

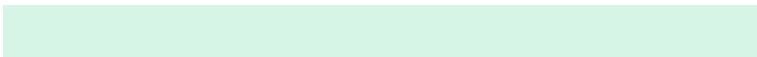
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.5239, 84.4596, 76.0996



76.7930, 91.2302, 79.0374



74.5993, 85.2898, 87.0286



16.2823, 18.4721, 17.5049



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

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



78.1872, 74.1003, 96.5721



84.0384, 77.9769, 105.2291



75.9183, 73.1927, 84.6241



17.2137, 16.7683, 20.8719



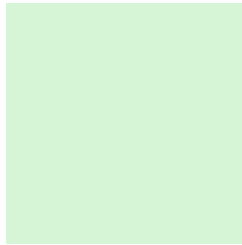
29.1648, 14.0094, 47.7036



2.5633, 1.2313, 4.1927

Previews

White Background



This preview shows how the XYZ color 72.5216, 84.4560, 76.0977 looks on a white background.

Color Contrast Check

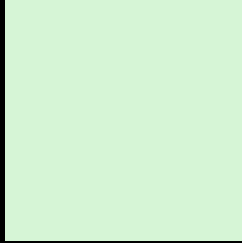
Large Text (above 18pt) WCAG AA × Fail

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 72.5216, 84.4560, 76.0977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

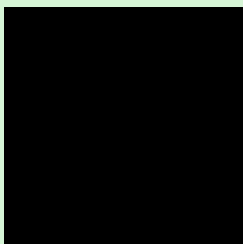
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

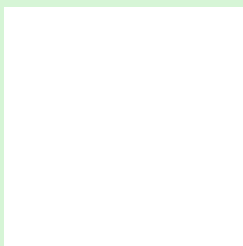
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.5216, 84.4560, 76.0977

Background



This preview shows how black text looks on a background with the XYZ color 72.5216, 84.4560, 76.0977.

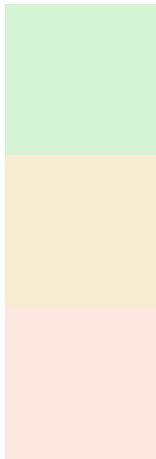


This preview shows how white text looks on a background with the XYZ color 72.5216, 84.4560,

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

72.5216, 84.4560, 76.0977

Protanopia

79.8618, 84.3685, 72.3972

Deuteranopia

83.4065, 83.8481, 83.0225



Tritanopia

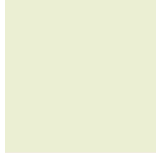
79.0560, 84.0570, 106.6657

Trichromacy



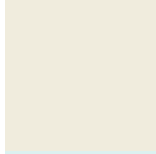
Original Color

72.5216, 84.4560, 76.0977



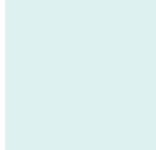
Protanomaly

76.8853, 84.0983, 73.8083



Deuteranomaly

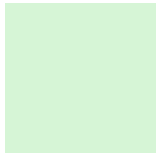
78.9818, 83.7366, 80.4066



Tritanomaly

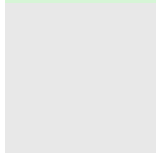
76.6987, 84.4175, 94.6898

Monochromacy



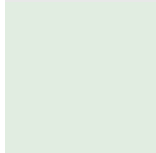
Original Color

72.5216, 84.4560, 76.0977



Achromatopsia

76.7008, 80.6952, 87.8771



Achromatomaly

74.9261, 82.0122, 83.1151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5216, 84.4560, 76.0977 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(214, 245, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 245, 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(214, 245, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 245, 214) }
```

Border

The CSS property to change the border of an element to XYZ 72.5216, 84.4560, 76.0977 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(214, 245, 214) }
```


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

```
.border{ border-color:rgb(214, 245, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 245, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 245, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 245, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 245,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5216, 84.4560, 76.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 245, 214) }
```

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

```
.background{ background-color: rgb(214,  
245, 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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