

Converting Colors

XYZ(70.3391, 84.1133, 61.2449)

Have a look what the booklet for
XYZ(70.3391, 84.1133, 61.2449)
contains.

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Color

**XYZ(70.2744, 84.0763,
61.2397)**

Conversions

Conversions Part 1

Format	Color
Hex	D7F6BE
RGB	215, 246, 190
RGB Percent	84%, 96%, 75%
CMY	0.1569, 0.0353, 0.2549
CMYK	0.13, 0.00, 0.23, 0.04
HSL	93°, 76%, 85%
HSV	93°, 23%, 96%
XYZ	70.2744, 84.0763, 61.2397
YIQ	230.3470, -0.5000, -23.9880

Conversions

Conversions Part 2

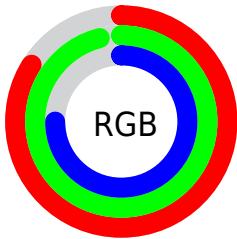
Format	Color
RYB	190, 246, 221
Decimal	14153406
CIELab	93.48, -19.79, 23.67
CIELCh	93, 30.856, 129.892
Yxy	84.0763, 0.3260, 0.3900
Android (android.graphics.Color)	4292343486 (0xFFD7F6BE)
YUV	230.3470, -19.8911, -13.4593
Hunter-Lab	91.6931, -23.6590, 24.5868

Details

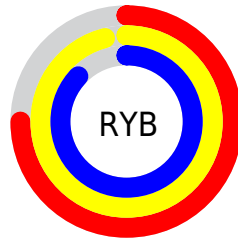
The XYZ color **70.2744, 84.0763, 61.2397** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.8701, 58.8552, 95.1344**, and the grayscale version is **75.6158, 79.5537, 86.6340**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **37.3546, 46.0781, 30.2177** is the 20% darker color. If you saturate the color by 10%, you get **63.9758, 81.1167, 48.0745**, and if you desaturate by 10%, it is **77.3643, 87.3964, 76.8143**.

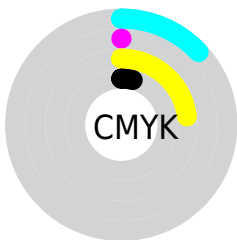
Distribution



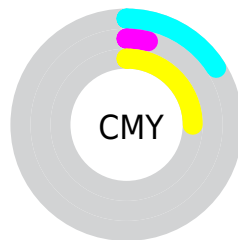
- Red (84%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)




- Cyan (16%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.2744, 84.0763, 61.2397 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 70.2744, 84.0763, 61.2397 by changing the saturation by 10% instead.


 70.2744, 84.0763,
61.2397

 70.2744, 84.0763,
61.2397

450.7643,
508.5666, 447.0832

 52.0307, 63.0784,
43.9868


 118.6241,
139.0819, 108.1868

 37.2539, 45.9047,
30.3230


149.4608,
173.8584, 138.7182

 25.5787, 32.1706,
19.8298


185.2259,
213.9966, 174.5128

 16.6398, 21.4918,
12.0885

226.2847,
259.8809, 215.9891

 10.0717, 13.4840,
6.6807

273.0026,
311.8956, 263.5658

 5.5091, 7.7627,
3.1878

325.7449,

 2.5868, 3.9435,

370.4252, 317.6614

1.1913

384.8770,
435.8541, 378.6943

■ 0.9392, 1.6420,
0.0000

■ 0.0000, 0.3857,
0.0000

■ 70.2744, 84.0763,
61.2397

■ 70.2744, 84.0763,
61.2397

■ 63.9758, 81.1167,
48.0745

■ 77.3643, 87.3964,
76.8143

■ 58.4309, 78.4933,
37.1929

■ 85.2678, 91.0786,
94.9047

■ 53.6090, 76.1957,
28.4660

■ 92.2475, 94.3949,
107.9658

■ 49.4739, 74.2083,
21.7499

■ 45.9861, 72.5144,
16.8831

■ 43.1005, 71.0947,
13.6791

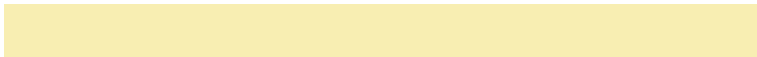
■ 40.7645, 69.9272,
11.9124

■ 39.3646, 69.2179,
11.2857

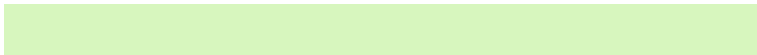
Harmonies

Analogous

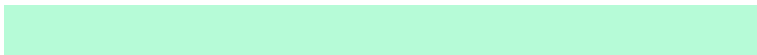
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2492, 84.0763, 54.0586



70.2744, 84.0763, 61.2397



66.0774, 84.0763, 76.9620

Triad

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



70.2744, 84.0763, 61.2397



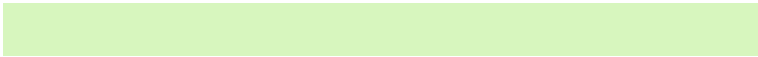
74.6432, 84.0763, 140.5038



96.3704, 84.0763, 84.0471

Complementary

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



70.2744, 84.0763, 61.2397



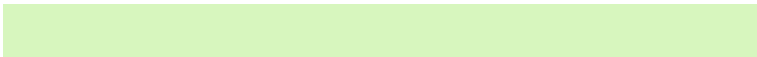
64.8701, 58.8552, 95.1344

Split Complementary

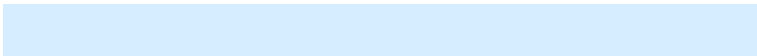
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5542, 84.0763, 107.8623



70.2744, 84.0763, 61.2397



82.6353, 84.0763, 143.2747

Square

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



70.2744, 84.0763, 61.2397



68.4783, 84.0763, 123.4606



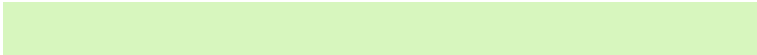
90.3928, 84.0763, 130.4899



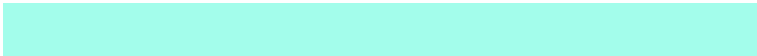
92.5525, 84.0763, 65.6659

Rectangle

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



70.2744, 84.0763, 61.2397



65.2392, 84.0763, 91.4602



90.3928, 84.0763, 130.4899



96.6347, 84.0763, 91.6295

Sweetspot

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



70.2766, 84.0799, 61.2415



88.7653, 97.0769, 94.2950



73.1072, 74.9211, 59.3245



18.8879, 20.7265, 19.9274



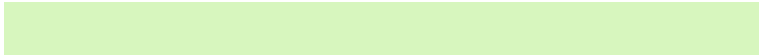
0.0000, 0.0000, 0.0000



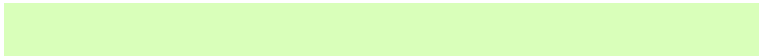
20.3446, 21.4041, 23.3091

Same Dimension

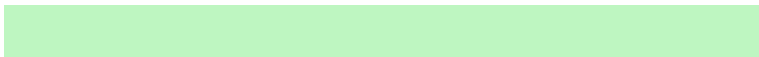
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.2766, 84.0799, 61.2415



73.2195, 89.8054, 60.0131



63.7968, 80.7038, 62.5515



16.9845, 18.8340, 17.5377



21.1661, 37.0243, 6.0308



1.9767, 3.3141, 0.5355

Inverse Universe

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



64.8701, 58.8552, 95.1344



66.4637, 58.2910, 102.3560



72.6306, 62.9052, 93.2706



16.4585, 16.3790, 20.8366



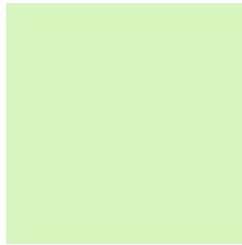
14.4788, 6.4384, 47.0176



1.3907, 0.6268, 4.1379

Previews

White Background



This preview shows how the XYZ color 70.2744, 84.0763, 61.2397 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 70.2744, 84.0763, 61.2397 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

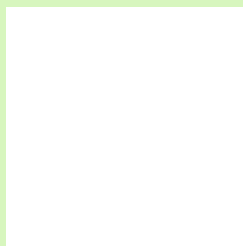
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.2744, 84.0763, 61.2397

Background



This preview shows how black text looks on a background with the XYZ color 70.2744, 84.0763, 61.2397.

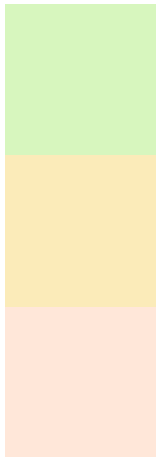


This preview shows how white text looks on a background with the XYZ color 70.2744, 84.0763,

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

70.2744, 84.0763, 61.2397

Protanopia

78.2489, 83.4287, 57.8781

Deuteranopia

82.3403, 83.4216, 77.4078



Tritanopia

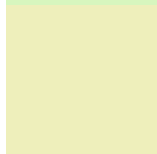
79.6982, 83.9571, 106.6125

Trichromacy



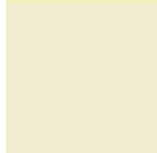
Original Color

70.2744, 84.0763, 61.2397



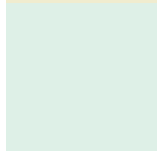
Protanomaly

75.0960, 83.4980, 59.1725



Deuteranomaly

77.1931, 83.0212, 70.9877



Tritanomaly

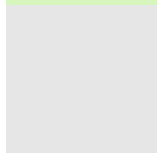
75.7081, 83.6193, 87.7512

Monochromacy



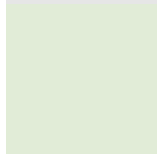
Original Color

70.2744, 84.0763, 61.2397



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

73.3125, 80.9048, 76.0422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2744, 84.0763, 61.2397 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, 246, 190)` looks like.

```
.text, #text, p{  
    color:rgb(215, 246, 190)  
}
```

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, 246, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 246, 190) }
```

Border

The CSS property to change the border of an element to XYZ 70.2744, 84.0763, 61.2397 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, 246, 190) }
```


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

```
.border{ border-color:rgb(215, 246, 190) }
```

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

Here you see how a box with a 4 pixel rgb(215, 246, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 246, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 246, 190);  
box-shadow:4px 4px 4px 4px rgb(215, 246,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2744, 84.0763, 61.2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 246, 190) }
```

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

```
.background{ background-color: rgb(215,  
246, 190) }
```

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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