

Converting Colors

XYZ(74.6550, 90.5137, 61.5118)

Have a look what the booklet for
XYZ(74.6550, 90.5137, 61.5118)
contains.

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Color

**XYZ(74.7641, 90.5663,
61.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFFBD
RGB	221, 255, 189
RGB Percent	87%, 100%, 74%
CMY	0.1333, 0.0000, 0.2588
CMYK	0.13, 0.00, 0.26, 0.00
HSL	91°, 100%, 87%
HSV	91°, 26%, 100%
XYZ	74.7641, 90.5663, 61.6847
YIQ	237.3100, 0.9220, -27.7340

Conversions

Conversions Part 2

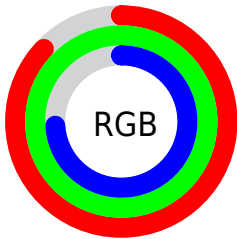
Format	Color
RYB	189, 255, 223
Decimal	14548925
CIELab	96.23, -22.20, 28.01
CIELCh	96, 35.744, 128.399
Yxy	90.5663, 0.3293, 0.3989
Android (android.graphics.Color)	4292739005 (0xFFDDFFBD)
YUV	237.3100, -23.8168, -14.3039
Hunter-Lab	95.1663, -26.3088, 28.1860

Details

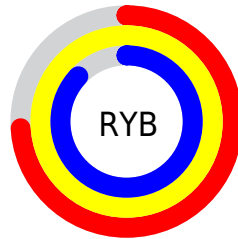
The XYZ color **74.7641, 90.5663, 61.6847** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.6800, 59.3045, 102.5402**, and the grayscale version is **80.9119, 85.1256, 92.7018**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **40.0843, 50.1368, 30.4864** is the 20% darker color. If you saturate the color by 10%, you get **68.3902, 87.5726, 48.1855**, and if you desaturate by 10%, it is **81.9387, 93.9164, 77.7643**.

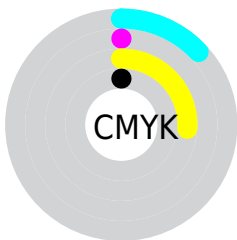
Distribution



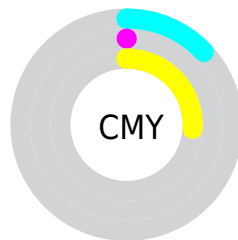
- Red (87%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (87%)



- Cyan (13%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7641, 90.5663, 61.6847 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 74.7641, 90.5663, 61.6847 by changing the saturation by 10% instead.


 74.7641, 90.5663,
61.6847

 74.7641, 90.5663,
61.6847


466.1160,
529.8713, 448.7559

 55.7131, 68.4504,
44.3438


 124.9681,
148.1248, 108.8369

 40.2091, 50.2643,
30.6017


156.8518,
184.3361, 139.4853

 27.8865, 35.6234,
20.0399


193.7438,
226.0148, 175.4066

 18.3802, 24.1435,
12.2396

236.0095,
273.5451, 217.0194

 11.3246, 15.4401,
6.7826

284.0143,
327.3116, 264.7421

 6.3545, 9.1288,
3.2501

338.1233,

 3.1045, 4.8253,

387.6985, 318.9935

1.2237

398.7021,
455.0903, 380.1919

■ 1.2093, 2.1451,
0.0000

■ 0.1137, 0.6898,
0.0000

■ 74.7641, 90.5663,
61.6847

■ 74.7641, 90.5663,
61.6847

■ 68.3902, 87.5726,
48.1855

■ 81.9387, 93.9164,
77.7643

■ 62.7830, 84.9209,
37.1280

■ 89.9429, 97.6354,
96.5449

■ 57.9076, 82.5964,
28.3670

95.0500, 100.0000,
108.9000

■ 53.7258, 80.5830,
21.7398

■ 50.1946, 78.8624,
17.0626

■ 47.2649, 77.4142,
14.1206

■ 44.8776, 76.2137,
12.6471

■ 44.0194, 75.7779,
12.3065

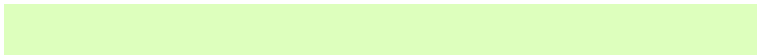
Harmonies

Analogous

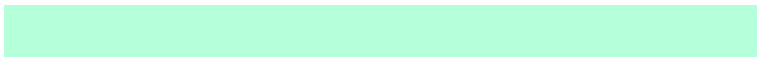
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.3234, 90.5663, 53.8274



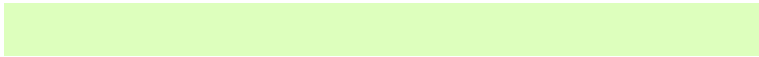
74.7641, 90.5663, 61.6847



69.5302, 90.5663, 79.8304

Triad

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



74.7641, 90.5663, 61.6847



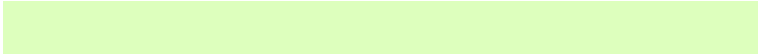
79.2453, 90.5663, 158.6472



106.3707, 90.5663, 90.8426

Complementary

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



74.7641, 90.5663, 61.6847



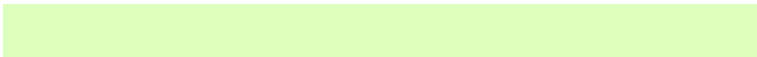
66.6800, 59.3045, 102.5402

Split Complementary

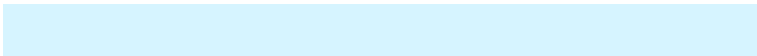
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.0686, 90.5663, 120.1284



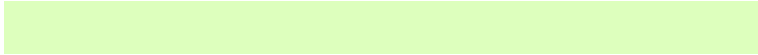
74.7641, 90.5663, 61.6847



88.8979, 90.5663, 163.1539

Square

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



74.7641, 90.5663, 61.6847



71.9757, 90.5663, 136.5984



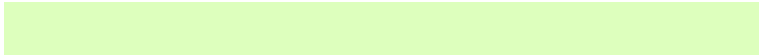
98.4849, 90.5663, 147.9381



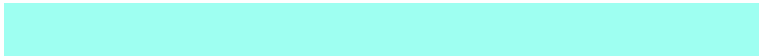
101.9173, 90.5663, 68.4135

Rectangle

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



74.7641, 90.5663, 61.6847



68.3808, 90.5663, 97.0924



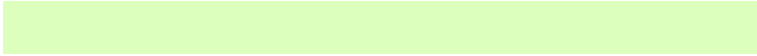
98.4849, 90.5663, 147.9381



106.5979, 90.5663, 100.1460

Sweetspot

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



74.7646, 90.5665, 61.6860



88.1764, 96.8161, 92.3346



76.5472, 77.1774, 59.0077



18.6098, 20.6003, 19.1397



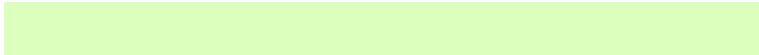
0.0000, 0.0000, 0.0000



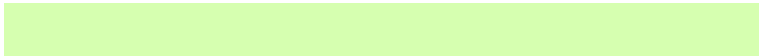
20.3446, 21.4041, 23.3091

Same Dimension

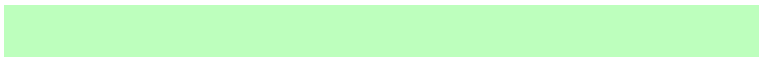
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7646, 90.5665, 61.6860



71.4039, 88.9904, 54.4618



65.9324, 86.0133, 61.2727



18.6098, 20.6003, 19.1397



23.1719, 39.6836, 6.4384



2.3817, 3.9285, 0.6328

Inverse Universe

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



66.6800, 59.3045, 102.5402



62.0838, 52.9528, 101.5565



77.4881, 64.8762, 103.0460



17.8955, 17.8379, 22.7498



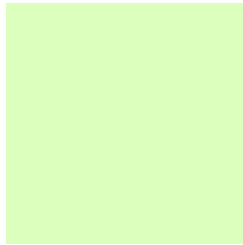
14.5253, 6.3985, 49.9041



1.5404, 0.6880, 4.8649

Previews

White Background



This preview shows how the XYZ color 74.7641, 90.5663, 61.6847 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 74.7641, 90.5663, 61.6847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

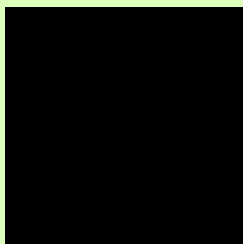
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

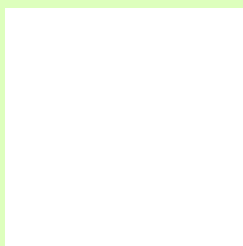
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7641, 90.5663, 61.6847

Background



This preview shows how black text looks on a background with the XYZ color 74.7641, 90.5663, 61.6847.

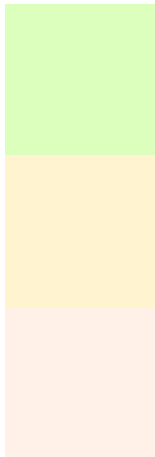


This preview shows how white text looks on a background with the XYZ color 74.7641, 90.5663,

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

74.7641, 90.5663, 61.6847

Protanopia

84.8532, 90.4664, 72.0210

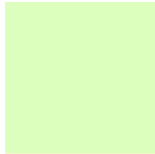
Deuteranopia

87.2608, 89.9968, 89.1159

Tritanopia

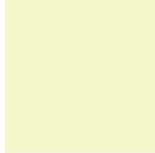
85.6606, 90.0985, 107.4837

Trichromacy



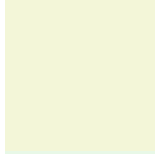
Original Color

74.7641, 90.5663, 61.6847



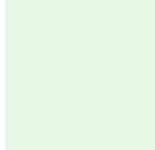
Protanomaly

80.9549, 90.3596, 67.8180



Deuteranomaly

82.3126, 89.9241, 77.9845



Tritanomaly

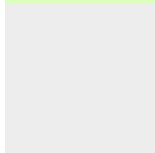
81.2699, 90.0601, 88.7013

Monochromacy



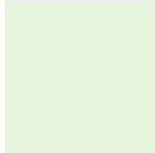
Original Color

74.7641, 90.5663, 61.6847



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.2239, 86.8576, 80.3525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7641, 90.5663, 61.6847 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(221, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 189)  
}
```

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(221, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 189) }
```

Border

The CSS property to change the border of an element to XYZ 74.7641, 90.5663, 61.6847 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(221, 255, 189) }
```


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

```
.border{ border-color:rgb(221, 255, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 255, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7641, 90.5663, 61.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 189) }
```

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

```
.background{ background-color: rgb(221,  
255, 189) }
```

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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