

Converting Colors

XYZ(74.7632, 90.0078, 61.3914)

Have a look what the booklet for
XYZ(74.7632, 90.0078, 61.3914)
contains.

XYZ(74.7513, 90.0873, 61.5929)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.7513, 90.0873,
61.5929)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFEBD
RGB	222, 254, 189
RGB Percent	87%, 100%, 74%
CMY	0.1294, 0.0039, 0.2588
CMYK	0.13, 0.00, 0.26, 0.00
HSL	90°, 97%, 87%
HSV	90°, 26%, 100%
XYZ	74.7513, 90.0873, 61.5929
YIQ	237.0220, 1.7930, -26.9990

Conversions

Conversions Part 2

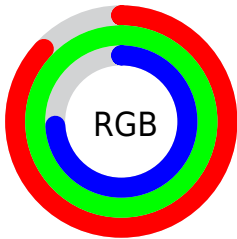
Format	Color
R _{YB}	189, 254, 221
Decimal	14614205
CIE Lab	96.03, -21.37, 27.75
CIE LCh	96, 35.030, 127.601
Yxy	90.0873, 0.3301, 0.3979
Android (android.graphics.Color)	4292804285 (0xFFDEFEBD)
YUV	237.0220, -23.6748, -13.1743
Hunter-Lab	94.9143, -25.5195, 27.9649

Details

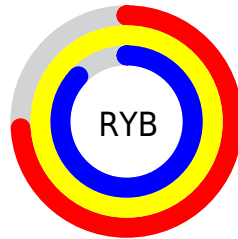
The XYZ color **74.7513, 90.0873, 61.5929** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.9094, 58.9256, 101.6708**, and the grayscale version is **80.6908, 84.8930, 92.4485**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **40.0653, 49.7888, 30.4202** is the 20% darker color. If you saturate the color by 10%, you get **68.5432, 87.1808, 48.1487**, and if you desaturate by 10%, it is **81.7312, 93.3413, 77.5974**.

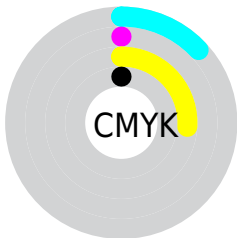
Distribution



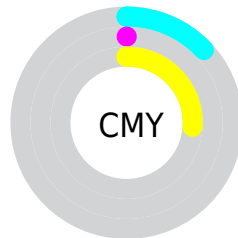
- Red (87%)
- Green (100%)
- Blue (74%)



- 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 74.7513, 90.0873, 61.5929 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 74.7513, 90.0873, 61.5929 by changing the saturation by 10% instead.


 74.7513, 90.0873,
61.5929

 74.7513, 90.0873,
61.5929


466.0727,
528.3148, 448.4112

 55.7026, 68.0531,
44.2702


 124.9500,
147.4597, 108.7028

 40.2006, 49.9409,
30.5442


156.8308,
183.5665, 139.3271

 27.8799, 35.3664,
19.9965


193.7197,
225.1331, 175.2223

 18.3751, 23.9453,
12.2084

235.9820,
272.5437, 216.8070

 11.3210, 15.2930,
6.7615

283.9831,
326.1828, 264.4997

 6.3520, 9.0253,
3.2372

338.0883,

 3.1030, 4.7577,

386.4348, 318.7189

1.2170

398.6631,
453.6840, 379.8832

■ 1.2085, 2.1058,
0.0000

■ 0.1130, 0.6679,
0.0000

■ 74.7513, 90.0873,
61.5929

■ 74.7513, 90.0873,
61.5929

■ 68.5432, 87.1808,
48.1487

■ 81.7312, 93.3413,
77.5974

■ 63.0686, 84.5968,
37.1260

■ 89.5050, 96.9434,
96.2796

■ 58.2959, 82.3251,
28.3818

94.7336, 99.3673,
108.7945

■ 54.1883, 80.3499,
21.7558

■ 50.7046, 78.6541,
17.0667

■ 47.7974, 77.2180,
14.1028

■ 45.4098, 76.0179,
12.6022

■ 44.4884, 75.5500,
12.2378

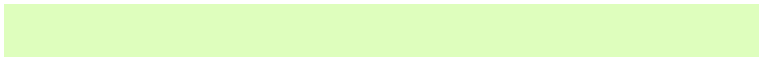
Harmonies

Analogous

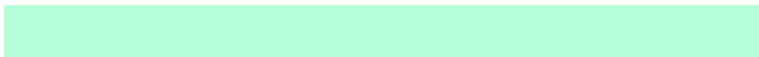
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1839, 90.0873, 54.1313



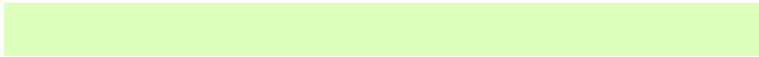
74.7513, 90.0873, 61.5929



69.5267, 90.0873, 79.1275

Triad

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



74.7513, 90.0873, 61.5929



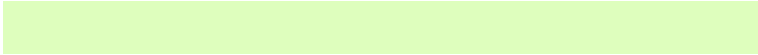
78.7193, 90.0873, 156.1652



105.4554, 90.0873, 91.1984

Complementary

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



74.7513, 90.0873, 61.5929



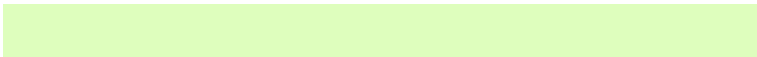
65.9094, 58.9256, 101.6708

Split Complementary

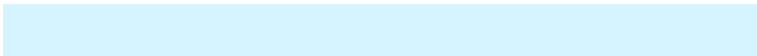
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.0347, 90.0873, 119.8625



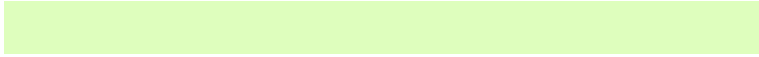
74.7513, 90.0873, 61.5929



88.1139, 90.0873, 161.0657

Square

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



74.7513, 90.0873, 61.5929



71.6942, 90.0873, 134.3881



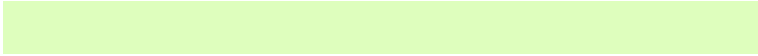
97.5057, 90.0873, 146.7365



101.2533, 90.0873, 68.9978

Rectangle

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



74.7513, 90.0873, 61.5929



68.3244, 90.0873, 95.8732



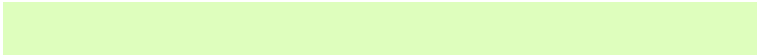
97.5057, 90.0873, 146.7365



105.6249, 90.0873, 100.3402

Sweetspot

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



74.7536, 90.0912, 61.5948



88.3385, 96.8996, 92.3422



75.7645, 76.1536, 58.8513



18.6506, 20.6213, 19.1417



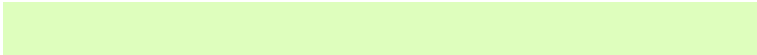
0.0000, 0.0000, 0.0000



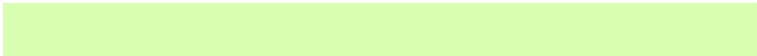
20.3446, 21.4041, 23.3091

Same Dimension

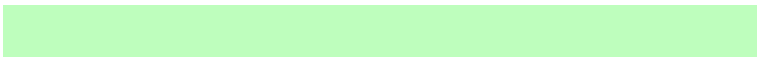
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7536, 90.0912, 61.5948



71.9338, 89.2636, 54.4866



65.8858, 85.5197, 61.1798



18.6506, 20.6213, 19.1417



23.6244, 39.9169, 6.4596



2.4263, 3.9516, 0.6348

Inverse Universe

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



65.9094, 58.9256, 101.6708



61.5520, 52.6786, 101.5316



76.5682, 64.4204, 102.1696



17.8547, 17.8168, 22.7479



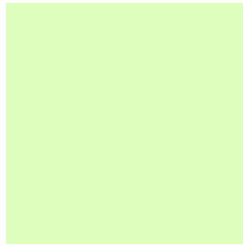
14.0644, 6.1609, 49.8825



1.4951, 0.6647, 4.8628

Previews

White Background



This preview shows how the XYZ color 74.7513, 90.0873, 61.5929 looks on a white background.

Color Contrast Check

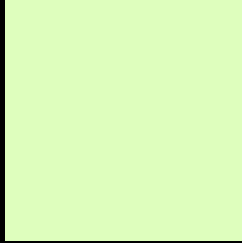
Large Text (above 18pt) WCAG AA × Fail

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 74.7513, 90.0873, 61.5929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

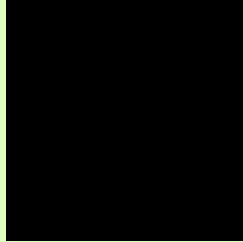
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

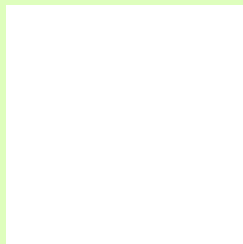
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.7513, 90.0873, 61.5929

Background



This preview shows how black text looks on a background with the XYZ color 74.7513, 90.0873, 61.5929.

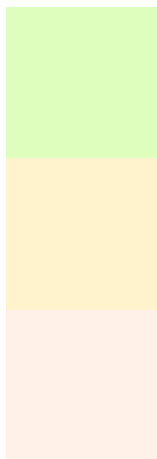


This preview shows how white text looks on a background with the XYZ color 74.7513, 90.0873,

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

74.7513, 90.0873, 61.5929

Protanopia

84.3100, 89.7690, 70.6411

Deuteranopia

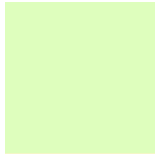
87.1191, 89.9401, 88.3698



Tritanopia

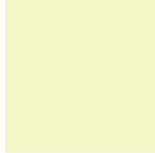
85.6606, 90.0985, 107.4837

Trichromacy



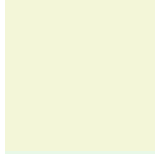
Original Color

74.7513, 90.0873, 61.5929



Protanomaly

80.5317, 89.6997, 67.1021



Deuteranomaly

82.3126, 89.9241, 77.9845



Tritanomaly

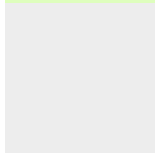
81.2699, 90.0601, 88.7013

Monochromacy



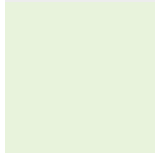
Original Color

74.7513, 90.0873, 61.5929



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.2476, 86.4243, 80.2676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7513, 90.0873, 61.5929 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(222, 254, 189)` looks like.

```
.text, #text, p{  
    color:rgb(222, 254, 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(222, 254, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 254, 189) }
```

Border

The CSS property to change the border of an element to XYZ 74.7513, 90.0873, 61.5929 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(222, 254, 189) }
```


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

```
.border{ border-color:rgb(222, 254, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 254, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 254, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 254, 189);  
box-shadow:4px 4px 4px 4px rgb(222, 254,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7513, 90.0873, 61.5929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 254, 189) }
```

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

```
.background{ background-color: rgb(222,  
254, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor