

Converting Colors

XYZ(79.2740, 100.0000,
60.8272)

Have a look what the booklet for
XYZ(79.2740, 100.0000, 60.8272)
contains.

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Color

**XYZ(74.6412, 90.5524,
59.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	DEFFB9
RGB	222, 255, 185
RGB Percent	87%, 100%, 73%
CMY	0.1294, 0.0000, 0.2745
CMYK	0.13, 0.00, 0.27, 0.00
HSL	88°, 100%, 86%
HSV	88°, 27%, 100%
XYZ	74.6412, 90.5524, 59.4433
YIQ	237.1530, 2.8020, -28.7660

Conversions

Conversions Part 2

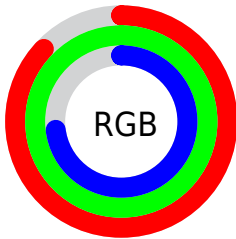
Format	Color
RYB	185, 255, 218
Decimal	14614457
CIELab	96.23, -22.43, 30.03
CIELCh	96, 37.484, 126.755
Yxy	90.5524, 0.3323, 0.4031
Android (android.graphics.Color)	4292804537 (0xFFDEFFB9)
YUV	237.1530, -25.7114, -13.2892
Hunter-Lab	95.1590, -26.5158, 29.5744

Details

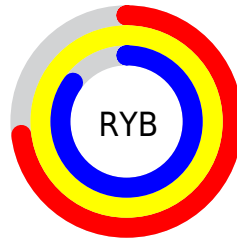
The XYZ color **74.6412, 90.5524, 59.4433** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.3134, 56.8246, 102.1863**, and the grayscale version is **80.8039, 85.0120, 92.5780**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **40.0167, 50.1339, 29.0404** is the 20% darker color. If you saturate the color by 10%, you get **68.6342, 87.7393, 46.3479**, and if you desaturate by 10%, it is **81.3946, 93.6944, 75.0963**.

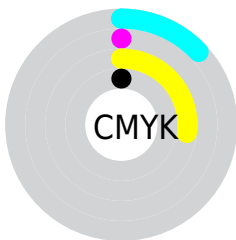
Distribution



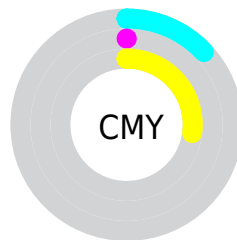
- Red (87%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.6412, 90.5524, 59.4433 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 74.6412, 90.5524, 59.4433 by changing the saturation by 10% instead.


 74.6412, 90.5524,
59.4433

 74.6412, 90.5524,
59.4433


465.6996,
529.8262, 440.2903

 55.6121, 68.4389,
42.5477


 124.7950,
148.1055, 105.5571

 40.1278, 50.2549,
29.2016


156.6504,
184.3138, 135.6125

 27.8229, 35.6160,
18.9865


193.5119,
225.9892, 170.8915

 18.3319, 24.1377,
11.4838

235.7450,
273.5161, 211.8126

 11.2897, 15.4358,
6.2750

283.7150,
327.2788, 258.7946

 6.3308, 9.1258,
2.9415

337.7872,

 3.0898, 4.8233,

387.6618, 312.2558

1.0649

398.3269,
455.0495, 372.6149

■ 1.2014, 2.1440,
0.0000

■ 0.1075, 0.6892,
0.0000

■ 74.6412, 90.5524,
59.4433

■ 74.6412, 90.5524,
59.4433

■ 68.6342, 87.7393,
46.3479

■ 81.3946, 93.6944,
75.0963

■ 63.3408, 85.2413,
35.6699

■ 88.9221, 97.1770,
93.4291

■ 58.7278, 83.0446,
27.2619

95.0500, 100.0000,
108.9000

■ 54.7580, 81.1334,
20.9584

■ 51.3897, 79.4906,
16.5716

■ 48.5748, 78.0962,
13.8806

■ 46.2521, 76.9247,
12.5969

■ 45.7171, 76.6531,
12.3860

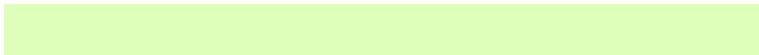
Harmonies

Analogous

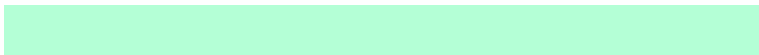
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7353, 90.5524, 51.9376



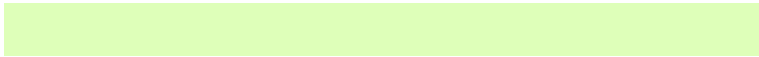
74.6412, 90.5524, 59.4433



68.9613, 90.5524, 77.6664

Triad

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



74.6412, 90.5524, 59.4433



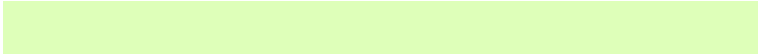
78.4100, 90.5524, 161.1741



107.5047, 90.5524, 92.0084

Complementary

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



74.6412, 90.5524, 59.4433



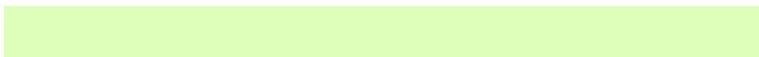
64.3134, 56.8246, 102.1863

Split Complementary

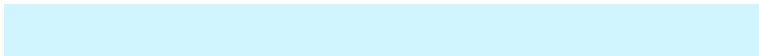
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.7912, 90.5524, 122.9840



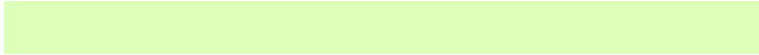
74.6412, 90.5524, 59.4433



88.4423, 90.5524, 167.1490

Square

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



74.6412, 90.5524, 59.4433



71.0115, 90.5524, 137.0137



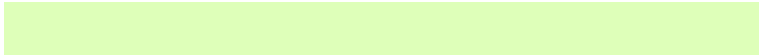
98.6038, 90.5524, 152.0006



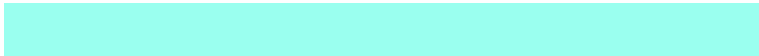
103.1136, 90.5524, 68.1285

Rectangle

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



74.6412, 90.5524, 59.4433



67.5970, 90.5524, 95.3881



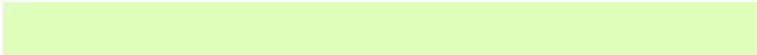
98.6038, 90.5524, 152.0006



107.6286, 90.5524, 101.8753

Sweetspot

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



74.6417, 90.5526, 59.4446



88.4875, 96.9765, 92.3491



74.9826, 74.7336, 56.3733



18.6882, 20.6407, 19.1434



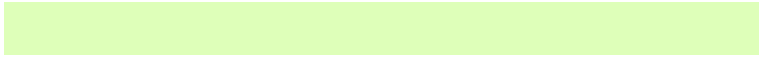
0.0000, 0.0000, 0.0000



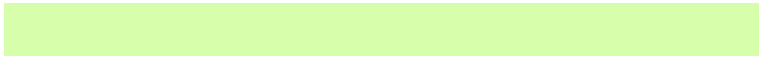
20.3446, 21.4041, 23.3091

Same Dimension

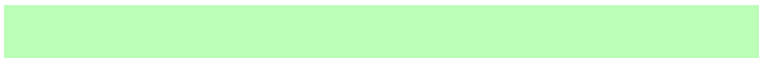
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6417, 90.5526, 59.4446



71.2174, 88.9515, 51.8690



65.0929, 85.6301, 58.9978



18.6882, 20.6407, 19.1434



24.0621, 40.1426, 6.4801



2.4690, 3.9736, 0.6368

Inverse Universe

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



64.3134, 56.8246, 102.1863



59.3115, 50.0674, 101.1457



75.7862, 62.7391, 102.7232



17.8174, 17.7976, 22.7462



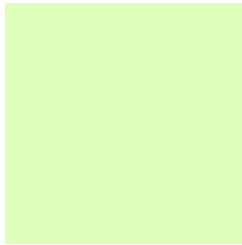
13.6637, 5.9544, 49.8637



1.4553, 0.6442, 4.8609

Previews

White Background



This preview shows how the XYZ color 74.6412, 90.5524, 59.4433 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 74.6412, 90.5524, 59.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

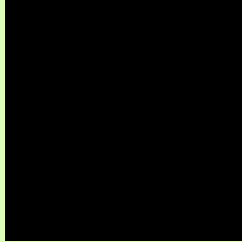
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

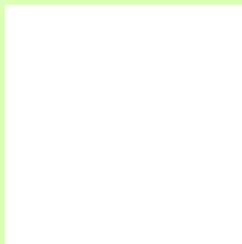
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.6412, 90.5524, 59.4433

Background



This preview shows how black text looks on a background with the XYZ color 74.6412, 90.5524, 59.4433.



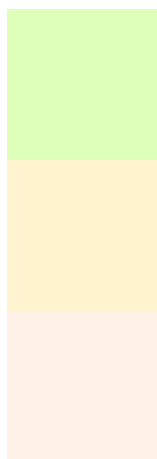
This preview shows how white text looks on a background with the XYZ color 74.6412, 90.5524,

59.4433.

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

74.6412, 90.5524, 59.4433

Protanopia

84.8532, 90.4664, 72.0210

Deuteranopia

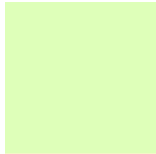
87.2608, 89.9968, 89.1159



Tritanopia

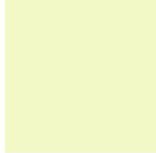
85.6606, 90.0985, 107.4837

Trichromacy



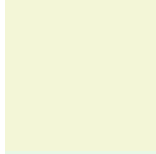
Original Color

74.6412, 90.5524, 59.4433



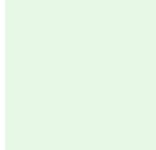
Protanomaly

80.8384, 90.3130, 67.2043



Deuteranomaly

82.1837, 89.8725, 77.3056



Tritanomaly

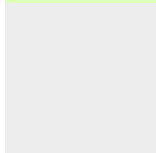
81.1290, 90.0038, 87.9594

Monochromacy



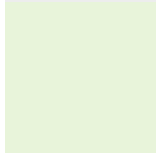
Original Color

74.6412, 90.5524, 59.4433



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.2843, 86.9191, 78.9807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6412, 90.5524, 59.4433 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, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 185)  
}
```

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, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 185) }
```

Border

The CSS property to change the border of an element to XYZ 74.6412, 90.5524, 59.4433 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, 255, 185) }
```


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

```
.border{ border-color:rgb(222, 255, 185) }
```

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

Here you see how a box with a 4 pixel rgb(222, 255, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6412, 90.5524, 59.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 185) }
```

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

```
.background{ background-color: rgb(222,  
255, 185) }
```

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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