

Converting Colors

XYZ(74.1908, 90.2327, 63.3768)

Have a look what the booklet for
XYZ(74.1908, 90.2327, 63.3768)
contains.

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Color

**XYZ(74.1879, 90.2312,
63.3754)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFC0
RGB	218, 255, 192
RGB Percent	85%, 100%, 75%
CMY	0.1451, 0.0000, 0.2470
CMYK	0.15, 0.00, 0.25, 0.00
HSL	95°, 100%, 88%
HSV	95°, 25%, 100%
XYZ	74.1879, 90.2312, 63.3754
YIQ	236.7550, -1.8290, -27.4370

Conversions

Conversions Part 2

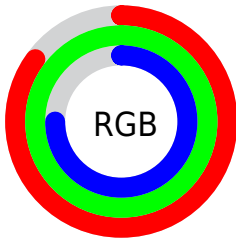
Format	Color
RYB	192, 255, 229
Decimal	14352320
CIELab	96.09, -22.79, 26.28
CIELCh	96, 34.784, 130.941
Yxy	90.2312, 0.3257, 0.3961
Android (android.graphics.Color)	4292542400 (0xFFDAFFC0)
YUV	236.7550, -22.0642, -16.4481
Hunter-Lab	94.9901, -26.8230, 26.9360

Details

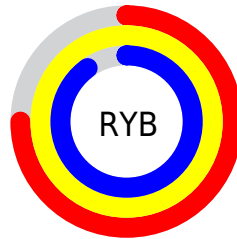
The XYZ color **74.1879, 90.2312, 63.3754** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **69.2136, 61.5785, 102.8456**, and the grayscale version is **80.4726, 84.6635, 92.1985**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **39.6818, 49.9045, 31.5858** is the 20% darker color. If you saturate the color by 10%, you get **67.3244, 86.9916, 49.5611**, and if you desaturate by 10%, it is **81.9467, 93.8758, 79.7895**.

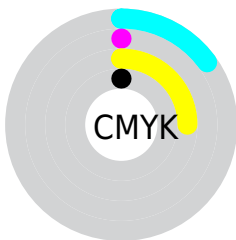
Distribution



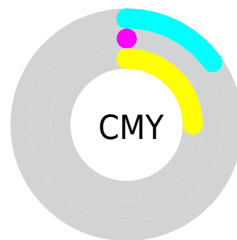
- Red (85%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1879, 90.2312, 63.3754 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 74.1879, 90.2312, 63.3754 by changing the saturation by 10% instead.


 74.1879, 90.2312,
63.3754

 74.1879, 90.2312,
63.3754


464.1619,
528.7826, 455.0760

 55.2397, 68.1724,
45.7020

 124.1562,
147.6595, 111.3017

 39.8282, 50.0380,
31.6638


155.9070,
183.7978, 142.3917

 27.5883, 35.4436,
20.8421


192.6560,
225.3981, 178.7911

 18.1544, 24.0048,
12.8185

234.7686,
272.8447, 220.9182

 11.1612, 15.3372,
7.1745

282.6101,
326.5221, 269.1917

 6.2435, 9.0564,
3.4913

336.5460,

 3.0358, 4.7780,

386.8146, 324.0302

1.3507

396.9414,
454.1067, 385.8521

■ 1.1727, 2.1176,
0.1028

■ 0.0847, 0.6745,
0.0000

■ 74.1879, 90.2312,
63.3754

■ 74.1879, 90.2312,
63.3754

■ 67.3244, 86.9916,
49.5611

■ 81.9467, 93.8758,
79.7895

■ 61.3189, 84.1407,
38.2091

■ 90.6330, 97.9392,
98.9231

■ 56.1330, 81.6619,
29.1754

95.0500, 100.0000,
108.9000

■ 51.7250, 79.5370,
22.2994

■ 48.0482, 77.7462,
17.3999

■ 45.0499, 76.2668,
14.2662

■ 42.6675, 75.0722,
12.6395

■ 41.6136, 74.5376,
12.1939

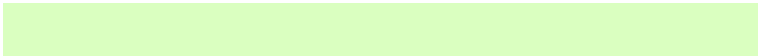
Harmonies

Analogous

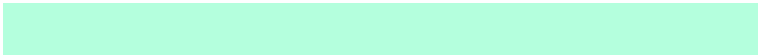
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2943, 90.2312, 54.8239



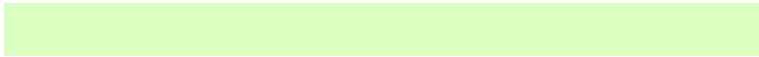
74.1879, 90.2312, 63.3754



69.4187, 90.2312, 81.9218

Triad

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



74.1879, 90.2312, 63.3754



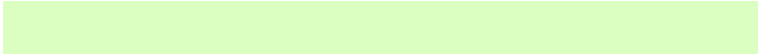
79.8545, 90.2312, 157.4006



105.2642, 90.2312, 88.5182

Complementary

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



74.1879, 90.2312, 63.3754



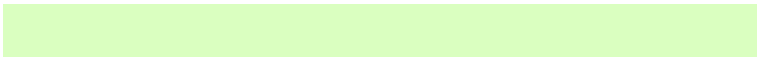
69.2136, 61.5785, 102.8456

Split Complementary

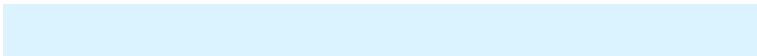
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



104.4881, 90.2312, 116.6073



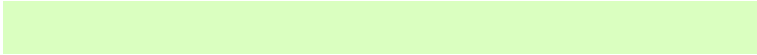
74.1879, 90.2312, 63.3754



89.3259, 90.2312, 160.0771

Square

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



74.1879, 90.2312, 63.3754



72.5171, 90.2312, 137.2690



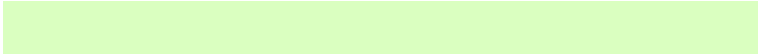
98.4814, 90.2312, 144.0138



100.5289, 90.2312, 67.4234

Rectangle

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



74.1879, 90.2312, 63.3754



68.5427, 90.2312, 99.1200



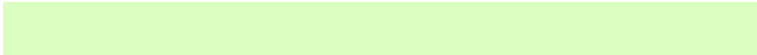
98.4814, 90.2312, 144.0138



105.6478, 90.2312, 97.3780

Sweetspot

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



74.1884, 90.2315, 63.3768



88.5557, 96.9688, 94.2852



78.7051, 80.9668, 61.3504



18.8394, 20.7015, 19.9251



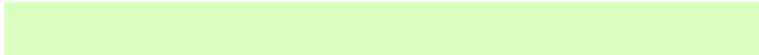
0.0000, 0.0000, 0.0000



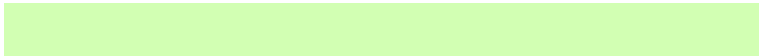
20.3446, 21.4041, 23.3091

Same Dimension

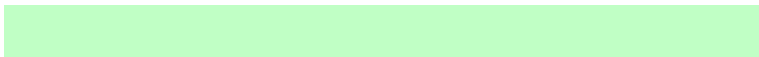
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.1884, 90.2315, 63.3768



70.4448, 88.4665, 55.7461



67.6058, 86.7695, 66.1599



18.4816, 20.5342, 19.1337



21.9038, 39.0299, 6.3791



2.2533, 3.8624, 0.6268

Inverse Universe

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



69.2136, 61.5785, 102.8456



64.6338, 55.0163, 101.8204



77.3063, 65.8467, 98.8724



18.0255, 17.9049, 22.7559



16.1547, 7.2385, 49.9803



1.6972, 0.7688, 4.8722

Previews

White Background



This preview shows how the XYZ color 74.1879, 90.2312, 63.3754 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 74.1879, 90.2312, 63.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

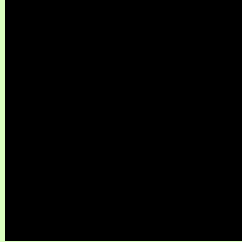
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

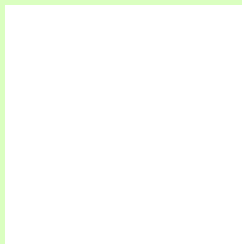
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1879, 90.2312, 63.3754

Background



This preview shows how black text looks on a background with the XYZ color 74.1879, 90.2312, 63.3754.



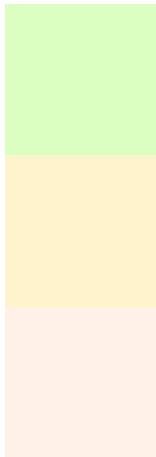
This preview shows how white text looks on a background with the XYZ color 74.1879, 90.2312,

63.3754.

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

74.1879, 90.2312, 63.3754

Protanopia

84.4312, 89.8174, 71.2790

Deuteranopia

87.1191, 89.9401, 88.3698



Tritanopia

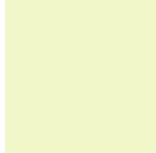
84.9928, 89.7542, 107.4524

Trichromacy



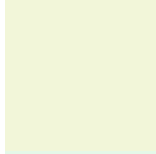
Original Color

74.1879, 90.2312, 63.3754



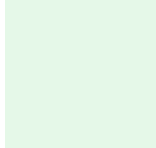
Protanomaly

80.4213, 89.6158, 68.3173



Deuteranomaly

82.0981, 89.7985, 78.6515



Tritanomaly

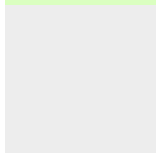
80.4460, 89.6190, 89.4022

Monochromacy



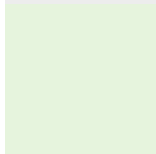
Original Color

74.1879, 90.2312, 63.3754



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.0350, 86.7448, 81.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1879, 90.2312, 63.3754 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(218, 255, 192)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 192)  
}
```

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(218, 255, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 192) }
```

Border

The CSS property to change the border of an element to XYZ 74.1879, 90.2312, 63.3754 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(218, 255, 192) }
```


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

```
.border{ border-color:rgb(218, 255, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 192);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1879, 90.2312, 63.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 192) }
```

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

```
.background{ background-color: rgb(218,  
255, 192) }
```

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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