

Converting Colors

XYZ(74.2942, 88.6823, 75.9926)

Have a look what the booklet for
XYZ(74.2942, 88.6823, 75.9926)
contains.

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Color

**XYZ(74.2612, 88.5710,
76.1327)**

Conversions

Conversions Part 1

Format	Color
Hex	D5FCD5
RGB	213, 252, 213
RGB Percent	84%, 99%, 84%
CMY	0.1647, 0.0117, 0.1647
CMYK	0.15, 0.00, 0.15, 0.01
HSL	120°, 87%, 91%
HSV	120°, 15%, 99%
XYZ	74.2612, 88.5710, 76.1327
YIQ	235.8930, -10.7250, -20.3970

Conversions

Conversions Part 2

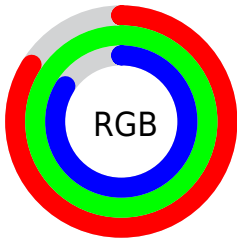
Format	Color
R _Y B	213, 252, 252
Decimal	14023893
CIE Lab	95.40, -19.66, 14.56
CIE LCh	95, 24.462, 143.485
Yxy	88.5710, 0.3108, 0.3706
Android (android.graphics.Color)	4292213973 (0xFFD5FCD5)
YUV	235.8930, -11.2862, -20.0772
Hunter-Lab	94.1122, -23.8471, 17.9155

Details

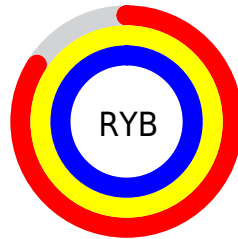
The XYZ color **74.2612, 88.5710, 76.1327** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81.5129, 75.3143, 102.3404**, and the grayscale version is **79.7385, 83.8911, 91.3574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.7872, 48.7679, 39.6639** is the 20% darker color. If you saturate the color by 10%, you get **64.5579, 83.9126, 60.2592**, and if you desaturate by 10%, it is **85.6022, 94.0213, 94.6809**.

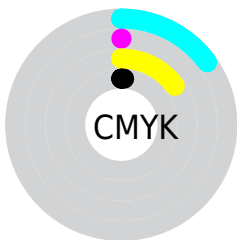
Distribution



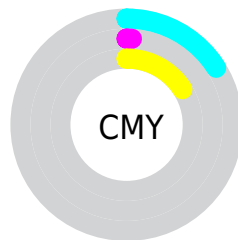
- Red (84%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)



- Cyan (16%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2612, 88.5710, 76.1327 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 74.2612, 88.5710, 76.1327 by changing the saturation by 10% instead.

74.2612, 88.5710,
76.1327

74.2612, 88.5710,
76.1327

464.4108,
523.3713, 501.1608

55.2999, 66.7961,
56.0340

124.2595,
145.3518, 129.6763

39.8767, 48.9189,
39.8260

156.0272,
181.1265, 163.9582

27.6262, 34.5552,
27.0902

192.7945,
222.3366, 203.8051

18.1831, 23.3204,
17.4079

234.9266,
269.3664, 249.6353

11.1820, 14.8303,
10.3607

282.7889,
322.6004, 301.8674

6.2576, 8.7004,
5.5301

336.7468,

3.0445, 4.5463,

382.4230, 360.9200

2.4974

397.1656,
449.2185, 427.2116

■ 1.1773, 1.9836,
0.8388

■ 0.0884, 0.5979,
0.0000

■ 74.2612, 88.5710,
76.1327

■ 74.2612, 88.5710,
76.1327

■ 64.5579, 83.9126,
60.2592

■ 85.6022, 94.0213,
94.6809

■ 56.4099, 79.9987,
46.9317

■ 94.1021, 98.1042,
108.5840

■ 49.7385, 76.7941,
36.0194

■ 44.4554, 74.2564,
27.3779

■ 40.4628, 72.3385,
20.8472

■ 37.6501, 70.9875,
16.2464

■ 35.8884, 70.1412,
13.3647

■ 35.0182, 69.7232,
11.9412

■ 34.8121, 69.6242,
11.6041

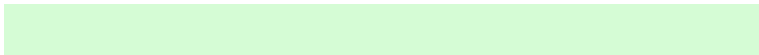
Harmonies

Analogous

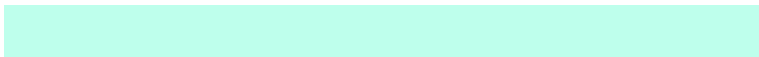
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1603, 88.5710, 66.4373



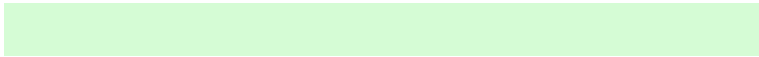
74.2612, 88.5710, 76.1327



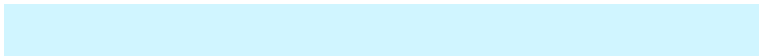
72.0371, 88.5710, 92.3178

Triad

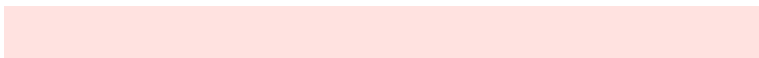
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2612, 88.5710, 76.1327



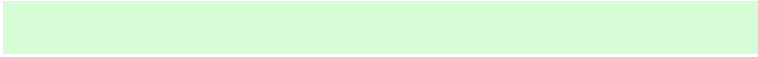
82.7326, 88.5710, 137.8763



96.5444, 88.5710, 82.4875

Complementary

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



74.2612, 88.5710, 76.1327



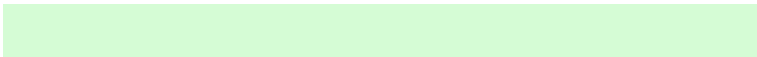
81.5129, 75.3143, 102.3404

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.



97.6250, 88.5710, 100.6805



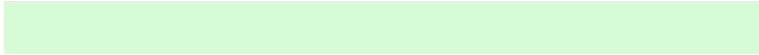
74.2612, 88.5710, 76.1327



89.4161, 88.5710, 134.3356

Square

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



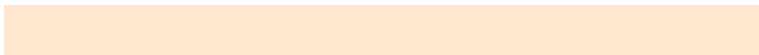
74.2612, 88.5710, 76.1327



76.7580, 88.5710, 129.1879



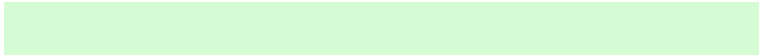
94.9537, 88.5710, 120.0681



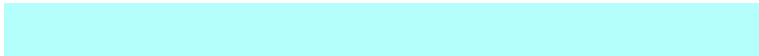
92.0743, 88.5710, 69.7523

Rectangle

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



74.2612, 88.5710, 76.1327



72.2822, 88.5710, 105.2888



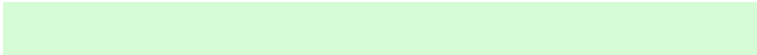
94.9537, 88.5710, 120.0681



97.3256, 88.5710, 88.0991

Sweetspot

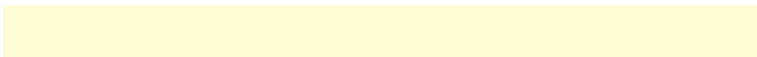
The Sweet Spot groups the original color and five complimentary colors.



74.2636, 88.5748, 76.1346



88.5284, 96.8674, 98.2329



86.9694, 95.1249, 76.7289



18.7601, 20.6430, 20.7174



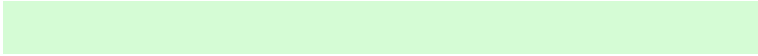
0.0000, 0.0000, 0.0000



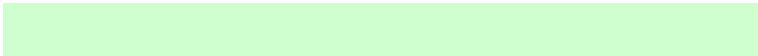
20.3446, 21.4041, 23.3091

Same Dimension

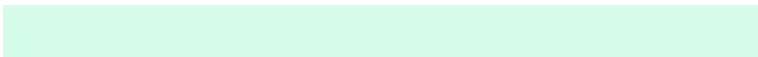
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2636, 88.5748, 76.1346



72.5742, 89.2037, 72.1369



76.8902, 89.6254, 89.9663



17.0175, 19.3093, 18.2926



18.1331, 36.2663, 6.0445



1.6794, 3.3589, 0.5598

Inverse Universe

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



81.5129, 75.3143, 102.3404



81.4938, 72.8879, 104.3807



78.5786, 74.1405, 86.8884



17.9931, 17.5246, 21.8195



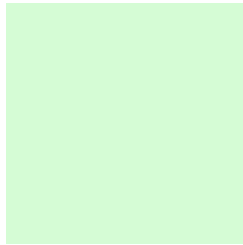
30.0644, 14.4415, 49.1749



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 74.2612, 88.5710, 76.1327 looks on a white background.

Color Contrast Check

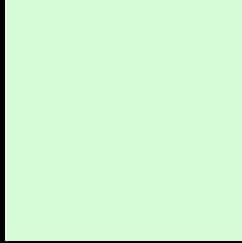
Large Text (above 18pt) WCAG AA × Fail

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 74.2612, 88.5710, 76.1327 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

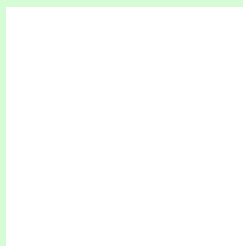
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2612, 88.5710, 76.1327

Background



This preview shows how black text looks on a background with the XYZ color 74.2612, 88.5710, 76.1327.



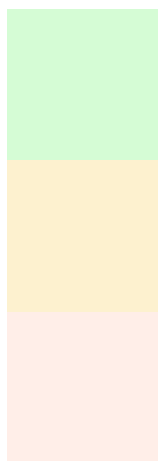
This preview shows how white text looks on a background with the XYZ color 74.2612, 88.5710,

76.1327.

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

74.2612, 88.5710, 76.1327

Protanopia

83.2258, 88.2982, 71.6883

Deuteranopia

86.3800, 88.2353, 88.8223



Tritanopia

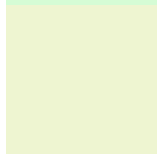
82.7337, 88.1442, 107.2607

Trichromacy



Original Color

74.2612, 88.5710, 76.1327



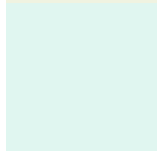
Protanomaly

79.4209, 88.0854, 73.1379



Deuteranomaly

81.5764, 88.0627, 83.9324



Tritanomaly

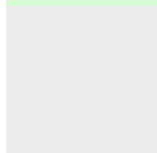
79.4244, 88.0501, 95.2473

Monochromacy



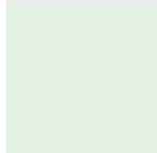
Original Color

74.2612, 88.5710, 76.1327



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.7506, 85.5997, 85.8233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2612, 88.5710, 76.1327 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(213, 252, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 252, 213)  
}
```

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(213, 252, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 252, 213) }
```

Border

The CSS property to change the border of an element to XYZ 74.2612, 88.5710, 76.1327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

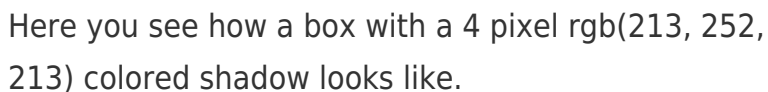
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 252, 213) }
```


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

```
.border{ border-color:rgb(213, 252, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 252, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 252, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 252, 213); box-shadow:4px 4px 4px 4px rgb(213, 252, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2612, 88.5710, 76.1327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 252, 213) }
```

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

```
.background{ background-color: rgb(213,  
252, 213) }
```

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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