

Converting Colors

XYZ(74.1914, 89.7692, 84.3312)

Have a look what the booklet for
XYZ(74.1914, 89.7692, 84.3312)
contains.

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Color

**XYZ(74.2524, 89.7936,
84.6525)**

Conversions

Conversions Part 1

Format	Color
Hex	CCFFE1
RGB	204, 255, 225
RGB Percent	80%, 100%, 88%
CMY	0.2000, 0.0000, 0.1176
CMYK	0.20, 0.00, 0.12, 0.00
HSL	145°, 100%, 90%
HSV	145°, 20%, 100%
XYZ	74.2524, 89.7936, 84.6525
YIQ	236.3310, -20.7660, -20.1420

Conversions

Conversions Part 2

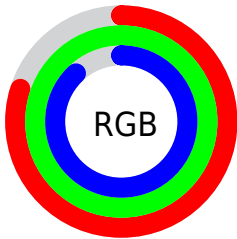
Format	Color
R_{YB}	204, 240, 255
Decimal	13434849
CIE _{Lab}	95.91, -21.88, 9.05
CIE _{LCh}	96, 23.674, 157.534
Yxy	89.7936, 0.2986, 0.3611
Android (android.graphics.Color)	4291624929 (0xFFCCFFE1)
YUV	236.3310, -5.5862, -28.3543
Hunter-Lab	94.7595, -25.9586, 13.3655

Details

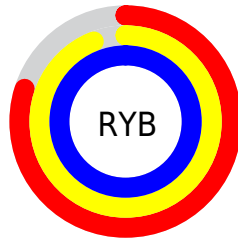
The XYZ color **74.2524, 89.7936, 84.6525** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.6845, 70.3870, 87.3334**, and the grayscale version is **80.0349, 84.2029, 91.6970**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8442, 49.6800, 45.5194** is the 20% darker color. If you saturate the color by 10%, you get **65.8686, 85.6977, 74.0440**, and if you desaturate by 10%, it is **83.9618, 94.5520, 96.2643**.

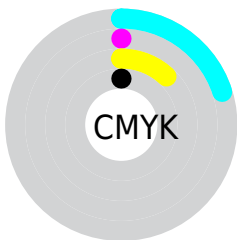
Distribution



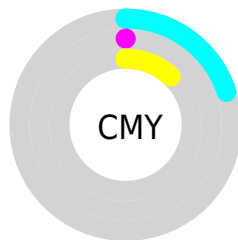
- Red (80%)
- Green (100%)
- Blue (88%)



- Red (80%)
- Yellow (94%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2524, 89.7936, 84.6525 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 74.2524, 89.7936, 84.6525 by changing the saturation by 10% instead.


 74.2524, 89.7936,
84.6525

 74.2524, 89.7936,
84.6525


464.3809,
527.3592, 530.5921

 55.2927, 67.8095,
63.0058


124.2471,
147.0517, 141.7574

 39.8709, 49.7427,
45.4049


156.0128,
183.0944, 178.0527

 27.6216, 35.2090,
31.4312


192.7778,
224.5921, 220.0679

 18.1796, 23.8239,
20.6662

234.9076,
271.9292, 268.2216

 11.1795, 15.2031,
12.6914

282.7674,
325.4900, 322.9324

 6.2559, 8.9620,
7.0881

336.7227,

 3.0434, 4.7164,

385.6591, 384.6186

3.4380

397.1387,
452.8207, 453.6990

■ 1.1768, 2.0819,
1.3224

■ 0.0879, 0.6544,
0.0800

■ 74.2524, 89.7936,
84.6525

■ 74.2524, 89.7936,
84.6525

■ 65.8686, 85.6977,
74.0440

■ 83.9618, 94.5520,
96.2643

■ 58.7478, 82.2327,
64.4076

95.0500, 100.0000,
108.9000

■ 52.8259, 79.3661,
55.7167

■ 48.0316, 77.0616,
47.9419

■ 44.2859, 75.2793,
41.0522

■ 41.4988, 73.9733,
35.0144

■ 39.5639, 73.0893,
29.7933

■ 38.3101, 72.5400,
25.3486

■ 38.3100, 72.5400,
25.3483

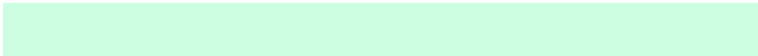
Harmonies

Analogous

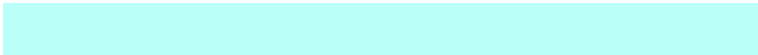
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9170, 89.7936, 71.9183



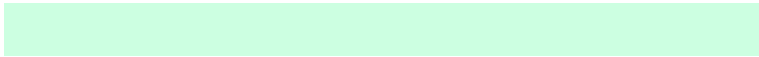
74.2524, 89.7936, 84.6525



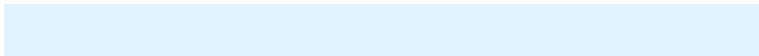
73.4848, 89.7936, 102.5651

Triad

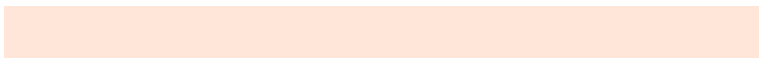
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2524, 89.7936, 84.6525



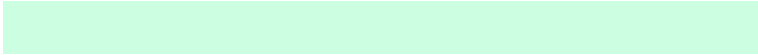
87.0044, 89.7936, 137.9633



95.7037, 89.7936, 77.4426

Complementary

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



74.2524, 89.7936, 84.6525



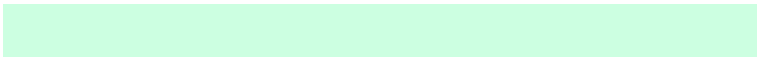
77.6845, 70.3870, 87.3334

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.



98.4197, 89.7936, 93.1266



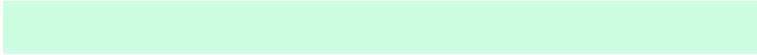
74.2524, 89.7936, 84.6525



93.2330, 89.7936, 129.1750

Square

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



74.2524, 89.7936, 84.6525



80.6338, 89.7936, 134.9405



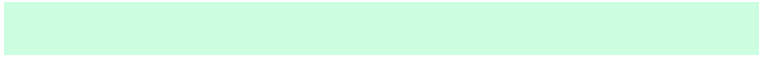
97.4932, 89.7936, 112.1770



90.2386, 89.7936, 68.1412

Rectangle

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



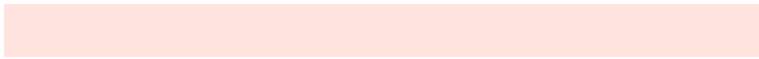
74.2524, 89.7936, 84.6525



74.6813, 89.7936, 115.3682



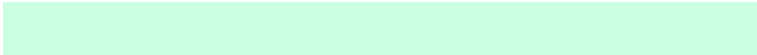
97.4932, 89.7936, 112.1770



96.9809, 89.7936, 82.0590

Sweetspot

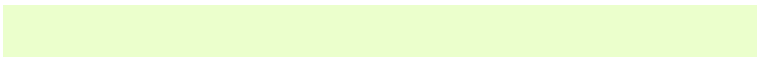
The Sweet Spot groups the original color and five complimentary colors.



74.2532, 89.7940, 84.6539



88.2280, 96.6466, 101.1935



80.7885, 93.4740, 70.9121



18.7320, 20.6115, 21.4849



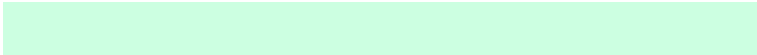
0.0000, 0.0000, 0.0000



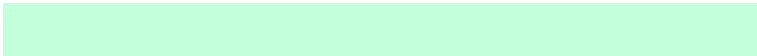
20.3446, 21.4041, 23.3091

Same Dimension

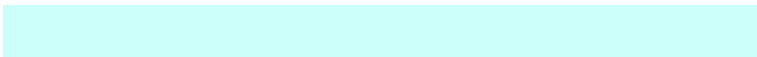
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2532, 89.7940, 84.6539



70.7432, 88.0774, 80.2907



77.9020, 91.2535, 103.8682



18.0817, 20.2922, 20.7332



20.0877, 37.9317, 13.6130



2.0086, 3.7144, 1.6031

Inverse Universe

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



77.6845, 70.3870, 87.3334



74.7420, 65.4565, 83.4100



74.3545, 69.0550, 69.7976



18.4577, 18.1664, 21.0272



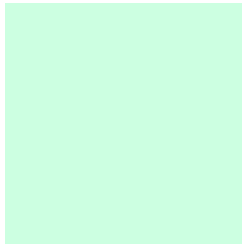
24.5012, 12.2898, 16.5554



2.4399, 1.2184, 1.8982

Previews

White Background



This preview shows how the XYZ color 74.2524, 89.7936, 84.6525 looks on a white background.

Color Contrast Check

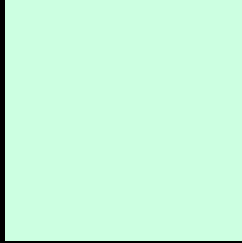
Large Text (above 18pt) WCAG AA × Fail

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 74.2524, 89.7936, 84.6525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

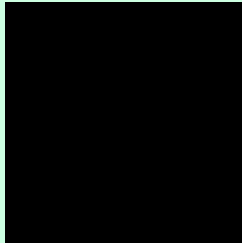
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

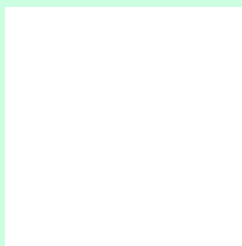
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2524, 89.7936, 84.6525

Background



This preview shows how black text looks on a background with the XYZ color 74.2524, 89.7936, 84.6525.



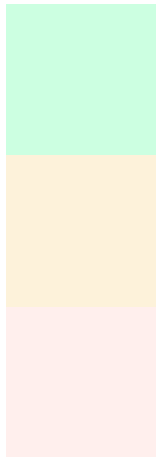
This preview shows how white text looks on a background with the XYZ color 74.2524, 89.7936,

84.6525.

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

74.2524, 89.7936, 84.6525

Protanopia

84.9150, 89.4489, 79.1195

Deuteranopia

87.3926, 89.1074, 92.7141



Tritanopia

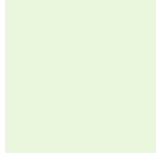
83.0155, 89.1828, 107.4464

Trichromacy



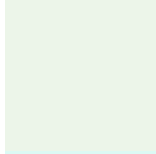
Original Color

74.2524, 89.7936, 84.6525



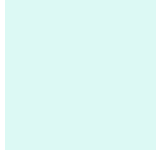
Protanomaly

80.5729, 89.4042, 81.4167



Deuteranomaly

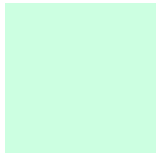
81.9525, 89.0209, 89.9542



Tritanomaly

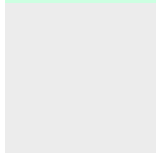
79.7200, 89.4987, 98.6612

Monochromacy



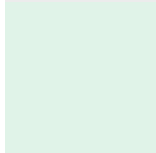
Original Color

74.2524, 89.7936, 84.6525



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.3565, 85.7747, 88.8230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2524, 89.7936, 84.6525 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(204, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 225)  
}
```

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(204, 255, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 225) }
```

Border

The CSS property to change the border of an element to XYZ 74.2524, 89.7936, 84.6525 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(204, 255, 225) }
```


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

```
.border{ border-color:rgb(204, 255, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2524, 89.7936, 84.6525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 225) }
```

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

```
.background{ background-color: rgb(204,  
255, 225) }
```

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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