

Converting Colors

XYZ(74.2796, 82.3191, 84.7948)

Have a look what the booklet for
XYZ(74.2796, 82.3191, 84.7948)
contains.

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Color

**XYZ(74.2468, 82.4947,
84.6829)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEFE3
RGB	220, 239, 227
RGB Percent	86%, 94%, 89%
CMY	0.1372, 0.0627, 0.1098
CMYK	0.08, 0.00, 0.05, 0.06
HSL	142°, 37%, 90%
HSV	142°, 8%, 94%
XYZ	74.2468, 82.4947, 84.6829
YIQ	231.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

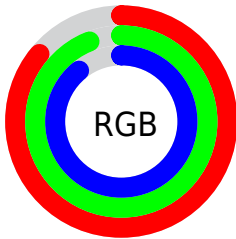
Format	Color
R _Y B	220, 234, 239
Decimal	14479331
CIE Lab	92.79, -8.45, 3.65
CIE LCh	93, 9.202, 156.644
Yxy	82.4947, 0.3075, 0.3417
Android (android.graphics.Color)	4292669411 (0xFFDCEFE3)
YUV	231.9510, -2.4408, -10.4810
Hunter-Lab	90.8266, -13.0305, 8.2991

Details

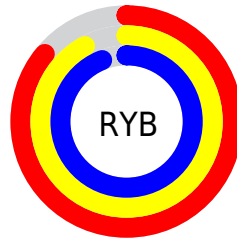
The XYZ color **74.2468, 82.4947, 84.6829** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.7582, 75.3653, 86.9019**, and the grayscale version is **76.6887, 80.6825, 87.8633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8969, 44.8449, 45.5829** is the 20% darker color. If you saturate the color by 10%, you get **65.5310, 78.2342, 73.8715**, and if you desaturate by 10%, it is **84.1841, 87.3685, 96.5087**.

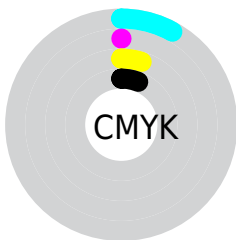
Distribution



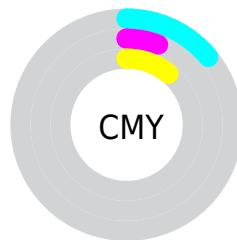
- Red (86%)
- Green (94%)
- Blue (89%)



- Red (86%)
- Yellow (92%)
- Blue (94%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (14%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2468, 82.4947, 84.6829 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 74.2468, 82.4947, 84.6829 by changing the saturation by 10% instead.

74.2468, 82.4947,
84.6829

74.2468, 82.4947,
84.6829

464.3619,
503.3009, 530.6954

55.2881, 61.7734,
63.0308

124.2392,
136.8675, 141.8003

39.8672, 44.8496,
45.4249

156.0036,
171.2878, 178.1026

27.6187, 31.3390,
31.4469

192.7673,
211.0432, 220.1254

18.1774, 20.8571,
20.6781

234.8955,
256.5182, 268.2872

11.1779, 13.0196,
12.6999

282.7538,
308.0970, 323.0066

6.2548, 7.4420,
7.0940

336.7073,

3.0428, 3.7401,

366.1642, 384.7020

3.4416

397.1216,
431.1040, 453.7921

■ 1.1764, 1.5292,
1.3243

■ 0.0876, 0.3092,
0.0816

■ 74.2468, 82.4947,
84.6829

■ 74.2468, 82.4947,
84.6829

■ 65.5310, 78.2342,
73.8715

■ 84.1841, 87.3685,
96.5087

■ 57.9815, 74.5520,
64.0424

■ 90.1581, 90.2162,
107.2694

■ 51.5489, 71.4256,
55.1697

■ 46.1776, 68.8269,
47.2242

■ 41.8071, 66.7253,
40.1754

■ 38.3704, 65.0869,
33.9909

■ 35.7917, 63.8734,
28.6365

■ 33.9825, 63.0398,
24.0751

■ 32.8234, 62.5254,
20.2662

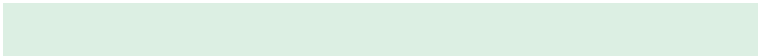
Harmonies

Analogous

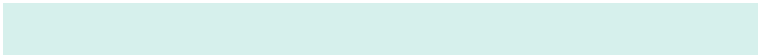
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.6858, 82.4947, 79.6275



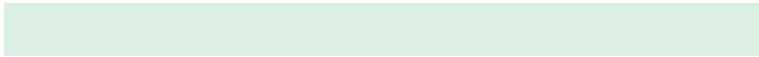
74.2468, 82.4947, 84.6829



73.9124, 82.4947, 91.3609

Triad

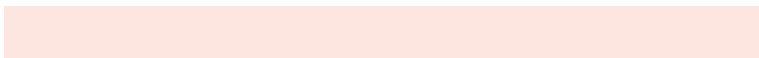
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2468, 82.4947, 84.6829



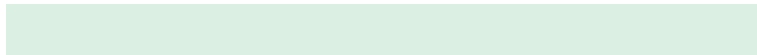
78.9440, 82.4947, 103.6043



82.1711, 82.4947, 82.1612

Complementary

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



74.2468, 82.4947, 84.6829



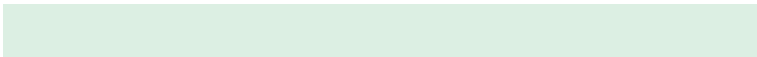
75.7582, 75.3653, 86.9019

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.



83.0838, 82.4947, 88.3019



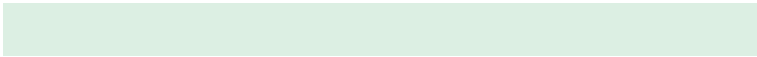
74.2468, 82.4947, 84.6829



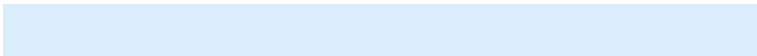
81.1962, 82.4947, 100.8530

Square

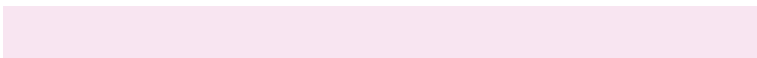
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



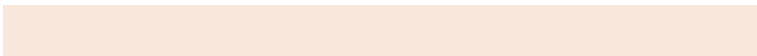
74.2468, 82.4947, 84.6829



76.5929, 82.4947, 102.5144



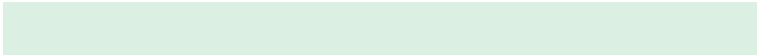
82.7234, 82.4947, 95.1664



80.2530, 82.4947, 78.2243

Rectangle

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



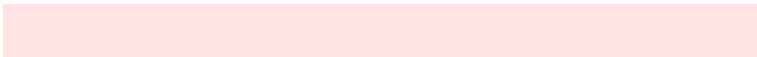
74.2468, 82.4947, 84.6829



74.3548, 82.4947, 95.8825



82.7234, 82.4947, 95.1664



82.6074, 82.4947, 84.0237

Sweetspot

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



74.2491, 82.4982, 84.6847



92.6841, 98.8398, 106.1046



77.0774, 84.0656, 79.8750



19.8630, 21.1679, 22.7402



0.0000, 0.0000, 0.0000



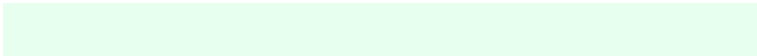
20.3446, 21.4041, 23.3091

Same Dimension

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



74.2491, 82.4982, 84.6847



83.7971, 94.4861, 95.3997



75.5927, 83.0356, 91.7599



15.8066, 17.7527, 18.0045



18.0897, 34.5279, 11.1211



1.5513, 2.8910, 1.1695

Inverse Universe

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



75.7582, 75.3653, 86.9019



85.9721, 84.2054, 98.5948



74.4487, 74.8415, 80.0060



16.1929, 15.9269, 18.5720



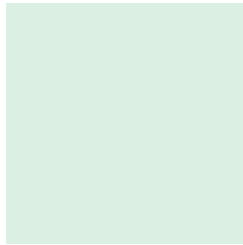
22.8221, 11.4013, 17.5115



1.9464, 0.9676, 1.7084

Previews

White Background



This preview shows how the XYZ color 74.2468, 82.4947, 84.6829 looks on a white background.

Color Contrast Check

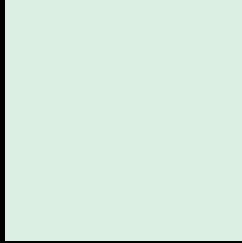
Large Text (above 18pt) WCAG AA × Fail

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 74.2468, 82.4947, 84.6829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

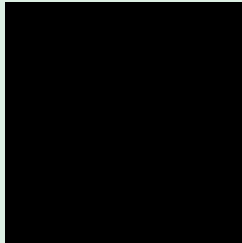
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

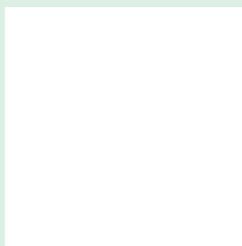
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.2468, 82.4947, 84.6829

Background



This preview shows how black text looks on a background with the XYZ color 74.2468, 82.4947, 84.6829.

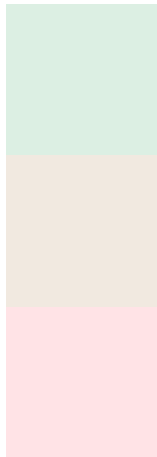


This preview shows how white text looks on a background with the XYZ color 74.2468, 82.4947,

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

74.2468, 82.4947, 84.6829

Protanopia

78.8691, 82.3604, 82.2613

Deuteranopia

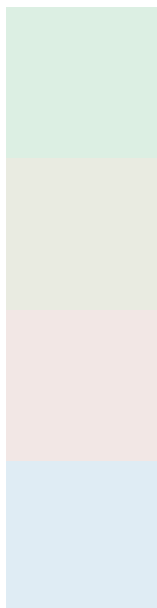
82.9920, 81.9113, 86.2992



Tritanopia

78.3382, 82.4197, 105.5457

Trichromacy



Original Color

74.2468, 82.4947, 84.6829

Protanomaly

76.9032, 82.1765, 83.0426

Deuteranomaly

79.3367, 81.6862, 85.7143

Tritanomaly

76.7560, 82.2105, 97.4107

Monochromacy



Original Color

74.2468, 82.4947, 84.6829

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.9862, 81.6238, 86.6130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2468, 82.4947, 84.6829 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(220, 239, 227) looks like.

```
.text, #text, p{  
    color:rgb(220, 239, 227)  
}
```

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(220, 239, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 239, 227) }
```

Border

The CSS property to change the border of an element to XYZ 74.2468, 82.4947, 84.6829 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(220, 239, 227) }
```


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

```
.border{ border-color:rgb(220, 239, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 239, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 239, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 239, 227);  
box-shadow:4px 4px 4px 4px rgb(220, 239,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2468, 82.4947, 84.6829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 239, 227) }
```

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

```
.background{ background-color: rgb(220,  
239, 227) }
```

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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