

Converting Colors

XYZ(73.0011, 84.7920, 79.2549)

Have a look what the booklet for
XYZ(73.0011, 84.7920, 79.2549)
contains.

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Color

**XYZ(72.8792, 84.5654,
79.4995)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F5DB
RGB	213, 245, 219
RGB Percent	84%, 96%, 86%
CMY	0.1647, 0.0392, 0.1412
CMYK	0.13, 0.00, 0.11, 0.04
HSL	131°, 62%, 90%
HSV	131°, 13%, 96%
XYZ	72.8792, 84.5654, 79.4995
YIQ	232.4680, -10.7260, -14.8700

Conversions

Conversions Part 2

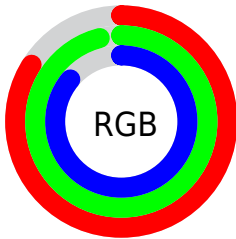
Format	Color
R _Y B	213, 240, 245
Decimal	14022107
CIE Lab	93.70, -15.18, 9.04
CIE LCh	94, 17.670, 149.242
Yxy	84.5654, 0.3076, 0.3569
Android (android.graphics.Color)	4292212187 (0xFFD5F5DB)
YUV	232.4680, -6.6397, -17.0734
Hunter-Lab	91.9594, -19.4652, 13.1150

Details

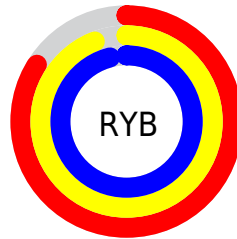
The XYZ color **72.8792, 84.5654, 79.4995** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.0335, 73.2351, 91.7410**, and the grayscale version is **77.1084, 81.1240, 88.3440**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9990, 46.3446, 42.0119** is the 20% darker color. If you saturate the color by 10%, you get **63.8366, 80.1911, 66.2045**, and if you desaturate by 10%, it is **83.3136, 89.6257, 94.4993**.

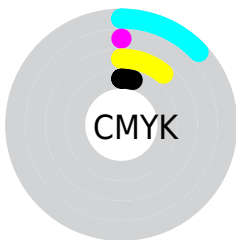
Distribution



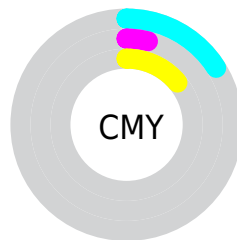
- Red (84%)
- Green (96%)
- Blue (86%)



- Red (84%)
- Yellow (94%)
- Blue (96%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8792, 84.5654, 79.4995 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 72.8792, 84.5654, 79.4995 by changing the saturation by 10% instead.


 72.8792, 84.5654,
79.4995

 72.8792, 84.5654,
79.4995


459.7063,
510.1889, 512.9067

 54.1652, 63.4823,
58.7828


122.3098,
139.7658, 134.4669

 38.9650, 46.2315,
42.0195


153.7570,
174.6520, 169.5546

 26.9131, 32.4286,
28.7909


190.1795,
214.9079, 210.2699

 17.6442, 21.6891,
18.6784

231.9424,
260.9181, 257.0311

 10.7930, 13.6286,
11.2637

279.4112,
313.0669, 310.2568

 5.9941, 7.8628,
6.1281

332.9512,

 2.8821, 4.0073,

371.7387, 370.3657

2.8531

392.9278,
437.3179, 437.7761

■ 1.0917, 1.6776,
1.0201

■ 0.0182, 0.4091,
0.0000

■ 72.8792, 84.5654,
79.4995

■ 72.8792, 84.5654,
79.4995

■ 63.8366, 80.1911,
66.2045

■ 83.3136, 89.6257,
94.4993

■ 56.1197, 76.4629,
54.5485

■ 91.9440, 93.7880,
107.8647

■ 49.6676, 73.3531,
44.4696

■ 44.4118, 70.8279,
35.9000

■ 40.2771, 68.8499,
28.7667

■ 37.1797, 67.3778,
22.9908

■ 35.0236, 66.3638,
18.4859

■ 33.6940, 65.7507,
15.1551

■ 33.1459, 65.5048,
13.4748

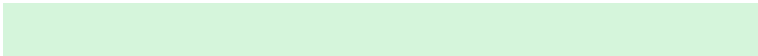
Harmonies

Analogous

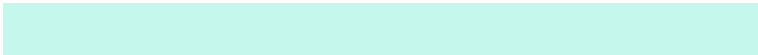
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0548, 84.5654, 71.3444



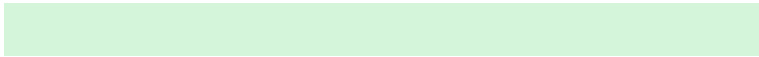
72.8792, 84.5654, 79.4995



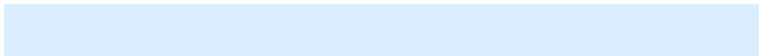
71.6989, 84.5654, 91.7363

Triad

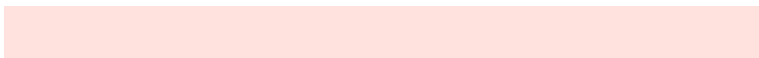
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8792, 84.5654, 79.4995



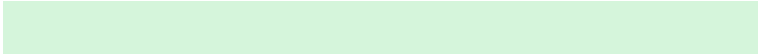
80.2577, 84.5654, 120.3685



88.4990, 84.5654, 80.0370

Complementary

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



72.8792, 84.5654, 79.4995



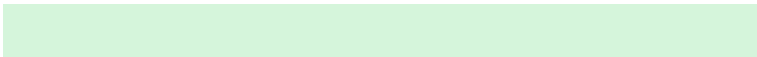
77.0335, 73.2351, 91.7410

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.



89.7283, 84.5654, 92.4193



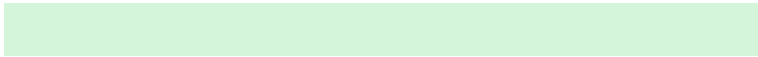
72.8792, 84.5654, 79.4995



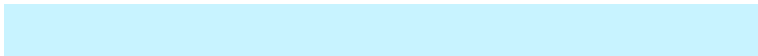
84.8597, 84.5654, 116.4819

Square

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



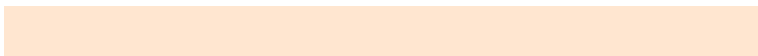
72.8792, 84.5654, 79.4995



75.8559, 84.5654, 116.0829



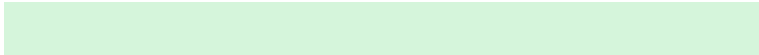
88.3719, 84.5654, 105.9164



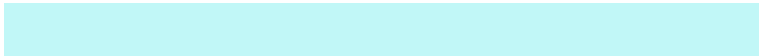
85.0740, 84.5654, 71.6328

Rectangle

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



72.8792, 84.5654, 79.4995



72.1657, 84.5654, 100.8470



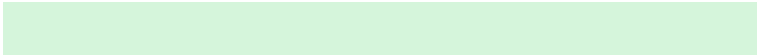
88.3719, 84.5654, 105.9164



89.1885, 84.5654, 83.8315

Sweetspot

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



72.8815, 84.5690, 79.5014



90.0906, 97.5942, 101.8524



80.3077, 88.4870, 75.7990



19.0895, 20.7953, 21.5243



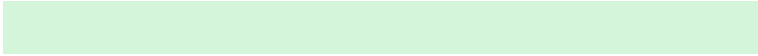
0.0000, 0.0000, 0.0000



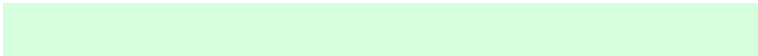
20.3446, 21.4041, 23.3091

Same Dimension

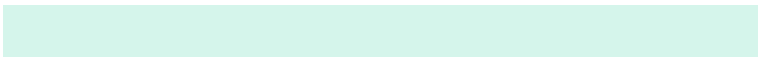
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8815, 84.5690, 79.5014



76.7146, 91.1121, 82.5446



75.0718, 85.4451, 91.0353



16.4091, 18.5228, 18.1727



17.8924, 35.3018, 7.4533



1.6064, 3.1162, 0.8333

Inverse Universe

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



77.0335, 73.2351, 91.7410



82.1799, 76.1915, 98.6547



74.7904, 72.3379, 79.9291



17.0726, 16.7119, 20.1287



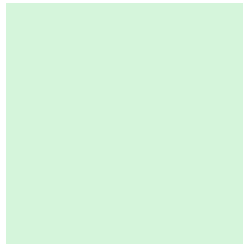
25.8924, 12.7004, 30.4713



2.3093, 1.1297, 2.8553

Previews

White Background



This preview shows how the XYZ color 72.8792, 84.5654, 79.4995 looks on a white background.

Color Contrast Check

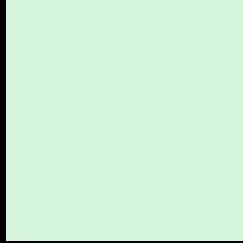
Large Text (above 18pt) WCAG AA × Fail

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 72.8792, 84.5654, 79.4995 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

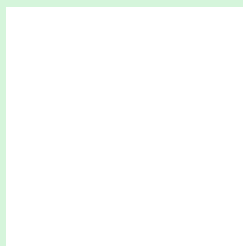
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.8792, 84.5654, 79.4995

Background



This preview shows how black text looks on a background with the XYZ color 72.8792, 84.5654, 79.4995.



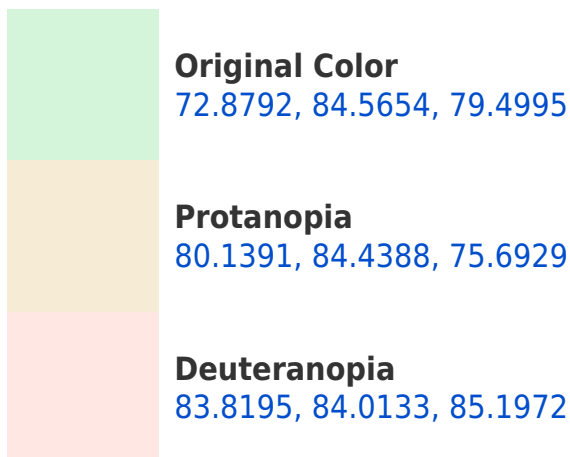
This preview shows how white text looks on a background with the XYZ color 72.8792, 84.5654,

79.4995.

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

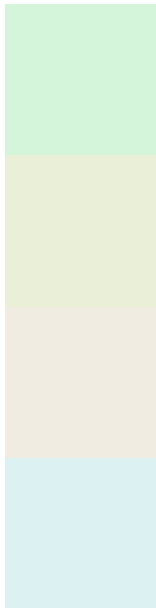




Tritanopia

79.0407, 84.4826, 106.7486

Trichromacy



Original Color

72.8792, 84.5654, 79.4995

Protanomaly

77.1929, 84.1833, 77.1462

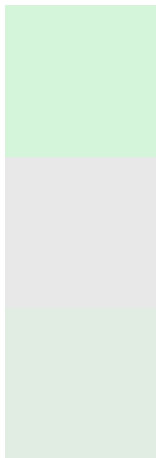
Deuteranomaly

79.5212, 83.9524, 83.2474

Tritanomaly

76.6957, 84.3815, 96.2494

Monochromacy



Original Color

72.8792, 84.5654, 79.4995

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

75.2007, 82.1220, 84.5607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8792, 84.5654, 79.4995 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, 245, 219) looks like.

```
.text, #text, p{  
    color:rgb(213, 245, 219)  
}
```

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, 245, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 245, 219) }
```

Border

The CSS property to change the border of an element to XYZ 72.8792, 84.5654, 79.4995 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, 245, 219) }
```


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

```
.border{ border-color:rgb(213, 245, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 245, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 245, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 245, 219);  
box-shadow:4px 4px 4px 4px rgb(213, 245,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8792, 84.5654, 79.4995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 245, 219) }
```

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

```
.background{ background-color: rgb(213,  
245, 219) }
```

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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