

Converting Colors

XYZ(72.6743, 89.4157, 64.8964)

Have a look what the booklet for
XYZ(72.6743, 89.4157, 64.8964)
contains.

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Color

**XYZ(72.7617, 89.4572,
65.0618)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FFC3
RGB	212, 255, 195
RGB Percent	83%, 100%, 76%
CMY	0.1686, 0.0000, 0.2353
CMYK	0.17, 0.00, 0.24, 0.00
HSL	103°, 100%, 88%
HSV	103°, 24%, 100%
XYZ	72.7617, 89.4572, 65.0618
YIQ	235.3030, -6.3680, -27.7760

Conversions

Conversions Part 2

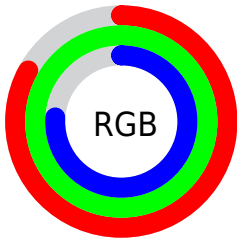
Format	Color
RYB	195, 255, 238
Decimal	13959107
CIELab	95.77, -24.38, 24.25
CIELCh	96, 34.387, 135.146
Yxy	89.4572, 0.3201, 0.3936
Android (android.graphics.Color)	4292149187 (0xFFD4FFC3)
YUV	235.3030, -19.8694, -20.4367
Hunter-Lab	94.5818, -28.1983, 25.4223

Details

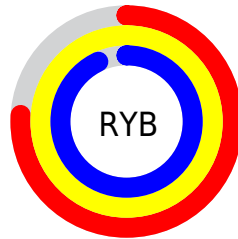
The XYZ color **72.7617, 89.4572, 65.0618** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.8260, 64.4286, 103.2054**, and the grayscale version is **79.3461, 83.4783, 90.9079**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **38.9064, 49.4794, 32.6992** is the 20% darker color. If you saturate the color by 10%, you get **65.1465, 85.8365, 50.9184**, and if you desaturate by 10%, it is **81.4668, 93.5827, 81.8290**.

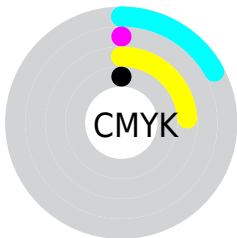
Distribution



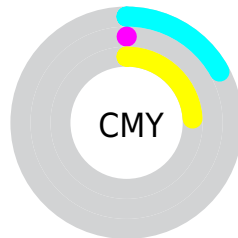
- Red (83%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (17%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7617, 89.4572, 65.0618 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 72.7617, 89.4572, 65.0618 by changing the saturation by 10% instead.


 72.7617, 89.4572,
65.0618

 72.7617, 89.4572,
65.0618

459.3051,
526.2636, 461.3263

 54.0688, 67.5305,
47.0595


122.1438,
146.5842, 113.7528

 38.8876, 49.5159,
32.7280


153.5637,
182.5533, 145.2787

 26.8526, 35.0289,
21.6488


189.9567,
223.9720, 182.1494

 17.5986, 23.6851,
13.4032

231.6882,
271.2248, 224.7837

 10.7601, 15.1002,
7.5728

279.1233,
324.6959, 273.6000

 5.9719, 8.8898,
3.7390

332.6276,

 2.8685, 4.6693,

384.7698, 329.0168

1.4833

392.5664,
451.8309, 391.4527

■ 1.0846, 2.0546,
0.2054

■ 0.0122, 0.6389,
0.0000

■ 72.7617, 89.4572,
65.0618

■ 72.7617, 89.4572,
65.0618

■ 65.1465, 85.8365,
50.9184

■ 81.4668, 93.5827,
81.8290

■ 58.5747, 82.6998,
39.2619

■ 91.3022, 98.2314,
101.3390

■ 52.9988, 80.0257,
29.9496

95.0500, 100.0000,
108.9000

■ 48.3666, 77.7907,
22.8224

■ 44.6209, 75.9692,
17.7013

■ 41.6971, 74.5324,
14.3792

■ 39.5201, 73.4472,
12.6039

■ 38.4509, 72.9072,
12.0459

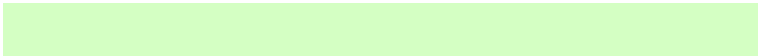
Harmonies

Analogous

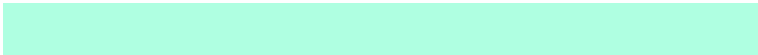
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.3576, 89.4572, 55.2440



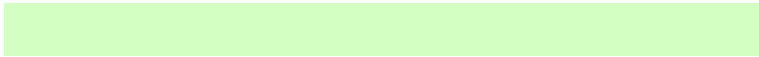
72.7617, 89.4572, 65.0618



68.6144, 89.4572, 84.6387

Triad

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



72.7617, 89.4572, 65.0618



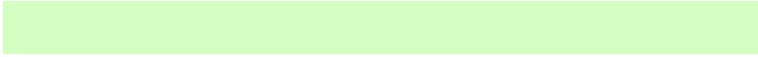
80.4439, 89.4572, 156.9961



103.8391, 89.4572, 84.4054

Complementary

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



72.7617, 89.4572, 65.0618



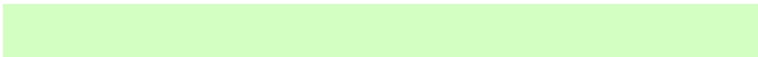
72.8260, 64.4286, 103.2054

Split Complementary

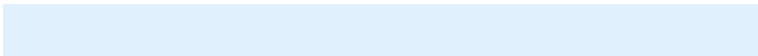
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



103.8666, 89.4572, 111.3916



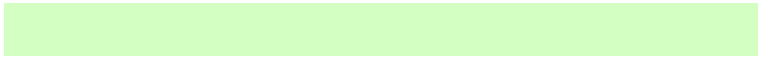
72.7617, 89.4572, 65.0618



89.8726, 89.4572, 156.9016

Square

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



72.7617, 89.4572, 65.0618



72.8208, 89.4572, 139.2406



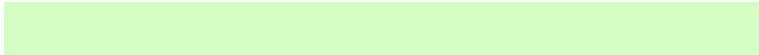
98.5972, 89.4572, 139.0025



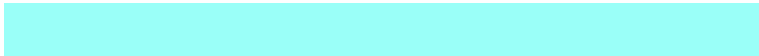
98.5249, 89.4572, 64.9184

Rectangle

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



72.7617, 89.4572, 65.0618



68.1517, 89.4572, 102.1557



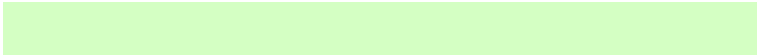
98.5972, 89.4572, 139.0025



104.4792, 89.4572, 92.8014

Sweetspot

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



72.7622, 89.4574, 65.0631



87.7571, 96.5571, 94.2478



81.6653, 86.3497, 63.9940



18.6548, 20.6063, 19.9165



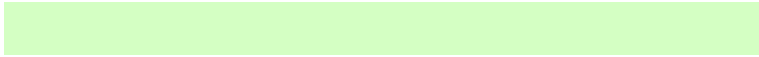
0.0000, 0.0000, 0.0000



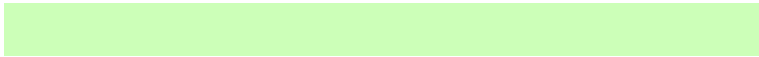
20.3446, 21.4041, 23.3091

Same Dimension

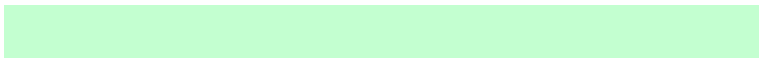
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7622, 89.4574, 65.0631



69.2249, 87.7772, 58.4220



69.6517, 87.6766, 72.9279



18.2548, 20.4172, 19.1231



20.2167, 38.1601, 6.3001



2.0699, 3.7679, 0.6182

Inverse Universe

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



72.8260, 64.4286, 103.2054



69.2928, 58.9582, 102.3357



76.7827, 66.7021, 92.8327



18.2617, 18.0266, 22.7669



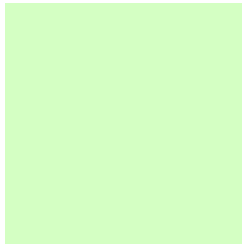
19.7587, 9.0964, 50.1490



2.0310, 0.9410, 4.8878

Previews

White Background



This preview shows how the XYZ color 72.7617, 89.4572, 65.0618 looks on a white background.

Color Contrast Check

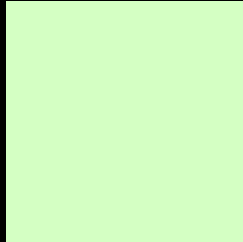
Large Text (above 18pt) WCAG AA × Fail

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 72.7617, 89.4572, 65.0618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

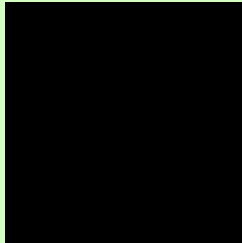
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

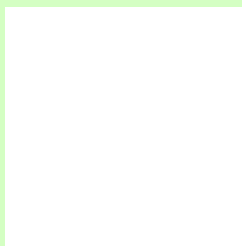
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7617, 89.4572, 65.0618

Background



This preview shows how black text looks on a background with the XYZ color 72.7617, 89.4572, 65.0618.



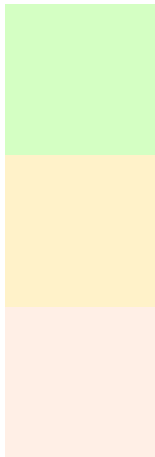
This preview shows how white text looks on a background with the XYZ color 72.7617, 89.4572,

65.0618.

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

72.7617, 89.4572, 65.0618

Protanopia

83.5347, 88.9813, 68.0307

Deuteranopia

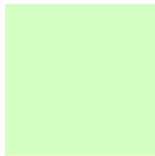
86.3894, 88.7062, 87.4317



Tritanopia

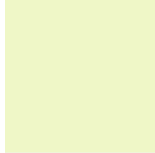
83.6794, 89.0772, 107.3910

Trichromacy



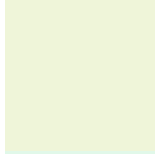
Original Color

72.7617, 89.4572, 65.0618



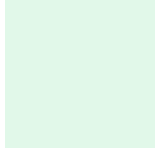
Protanomaly

79.1662, 88.9958, 67.0382



Deuteranomaly

80.7734, 88.6653, 78.5025



Tritanomaly

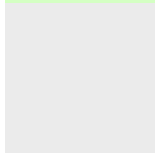
79.3267, 89.0255, 90.0935

Monochromacy



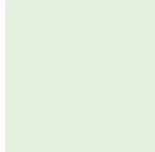
Original Color

72.7617, 89.4572, 65.0618



Achromatopsia

78.9647, 83.0770, 90.4708



Achromatomaly

76.3490, 85.0025, 80.0932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7617, 89.4572, 65.0618 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(212, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 195)  
}
```

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(212, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 195) }
```

Border

The CSS property to change the border of an element to XYZ 72.7617, 89.4572, 65.0618 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(212, 255, 195) }
```


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

```
.border{ border-color:rgb(212, 255, 195) }
```

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

Here you see how a box with a 4 pixel rgb(212, 255, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7617, 89.4572, 65.0618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 195) }
```

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

```
.background{ background-color: rgb(212,  
255, 195) }
```

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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