

Converting Colors

XYZ(76.4108, 89.7954, 71.0629)

Have a look what the booklet for
XYZ(76.4108, 89.7954, 71.0629)
contains.

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Color

**XYZ(76.2613, 89.7166,
71.0552)**

Conversions

Conversions Part 1

Format	Color
Hex	DF FCCD
RGB	223, 252, 205
RGB Percent	87%, 99%, 80%
CMY	0.1255, 0.0117, 0.1961
CMYK	0.12, 0.00, 0.19, 0.01
HSL	97°, 89%, 90%
HSV	97°, 19%, 99%
XYZ	76.2613, 89.7166, 71.0552
YIQ	237.9710, -2.1970, -20.7650

Conversions

Conversions Part 2

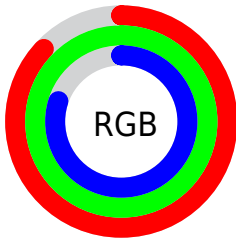
Format	Color
RYB	205, 252, 234
Decimal	14679245
CIELab	95.88, -17.62, 19.42
CIELCh	96, 26.223, 132.227
Yxy	89.7166, 0.3217, 0.3785
Android (android.graphics.Color)	4292869325 (0xFFDFFCCD)
YUV	237.9710, -16.2547, -13.1296
Hunter-Lab	94.7188, -22.0417, 21.8256

Details

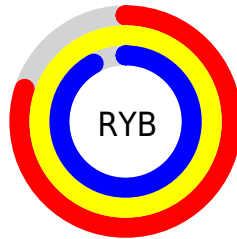
The XYZ color **76.2613, 89.7166, 71.0552** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **73.3373, 68.1858, 101.3962**, and the grayscale version is **81.3708, 85.6084, 93.2275**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2495, 49.5894, 36.6758** is the 20% darker color. If you saturate the color by 10%, you get **68.8884, 86.2420, 56.0896**, and if you desaturate by 10%, it is **84.5690, 93.6218, 88.6257**.

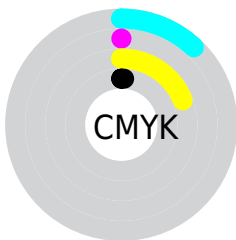
Distribution



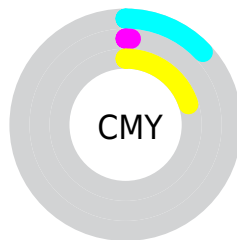
- Red (87%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (92%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (13%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2613, 89.7166, 71.0552 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 76.2613, 89.7166, 71.0552 by changing the saturation by 10% instead.

76.2613, 89.7166,
71.0552

76.2613, 89.7166,
71.0552

471.1724,
527.1085, 483.1352

56.9446, 67.7456,
51.9051

127.0746,
146.9447, 122.4075

41.2007, 49.6908,
36.5477

159.3019,
182.9706, 155.4468

28.6643, 35.1678,
24.5645

196.5634,
224.4502, 193.9530

18.9700, 23.7922,
15.5368

239.2246,
271.7680, 238.3445

11.7525, 15.1795,
9.0462

287.6507,
325.3083, 289.0400

6.6464, 8.9455,
4.6741

342.2071,

3.2863, 4.7056,

385.4556, 346.4579

2.0020

403.2592,
452.5942, 411.0168

■ 1.3069, 2.0756,
0.5565

■ 0.1884, 0.6509,
0.0000

■ 76.2613, 89.7166,
71.0552

■ 76.2613, 89.7166,
71.0552

■ 68.8884, 86.2420,
56.0896

■ 84.5690, 93.6218,
88.6257

■ 62.4081, 83.1710,
43.5993

■ 93.7727, 97.9346,
108.5687

■ 56.7850, 80.4910,
33.4521

■ 94.1022, 98.1044,
108.5841

■ 51.9785, 78.1842,
25.5015

■ 47.9444, 76.2313,
19.5842

■ 44.6330, 74.6109,
15.5142

■ 41.9877, 73.2985,
13.0715

■ 39.9325, 72.2619,
11.9408

■ 39.6889, 72.1385,
11.8323

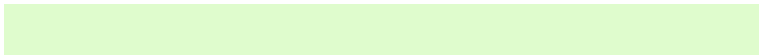
Harmonies

Analogous

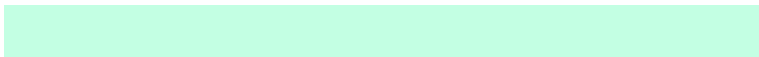
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.3606, 89.7166, 63.6939



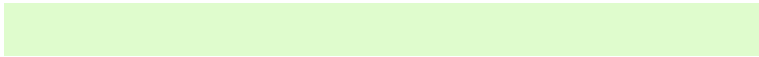
76.2613, 89.7166, 71.0552



72.7000, 89.7166, 86.0228

Triad

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



76.2613, 89.7166, 71.0552



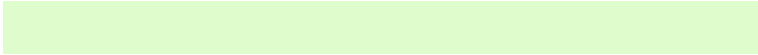
81.0968, 89.7166, 140.7481



99.6037, 89.7166, 89.4892

Complementary

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



76.2613, 89.7166, 71.0552



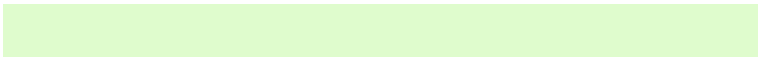
73.3373, 68.1858, 101.3962

Split Complementary

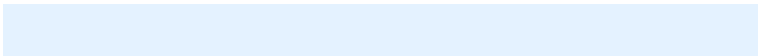
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



99.2178, 89.7166, 110.3588



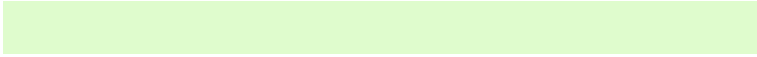
76.2613, 89.7166, 71.0552



88.2531, 89.7166, 142.0246

Square

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



76.2613, 89.7166, 71.0552



75.3812, 89.7166, 126.9822



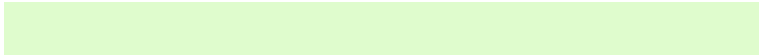
94.9679, 89.7166, 130.2566



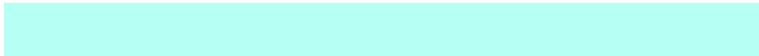
95.9942, 89.7166, 73.2827

Rectangle

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



76.2613, 89.7166, 71.0552



72.1141, 89.7166, 99.2425



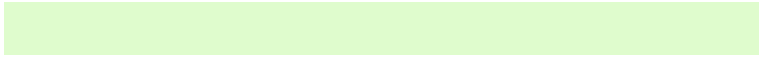
94.9679, 89.7166, 130.2566



99.9424, 89.7166, 96.1461

Sweetspot

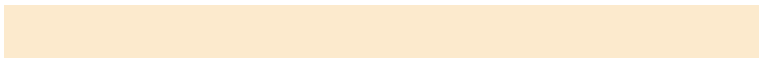
The Sweet Spot groups the original color and five complimentary colors.



76.2637, 89.7205, 71.0572



89.2951, 97.3066, 96.2803



80.5860, 83.9430, 69.7142



18.9834, 20.7670, 20.3271



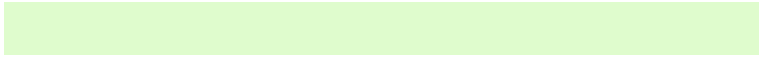
0.0000, 0.0000, 0.0000



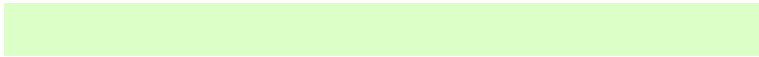
20.3446, 21.4041, 23.3091

Same Dimension

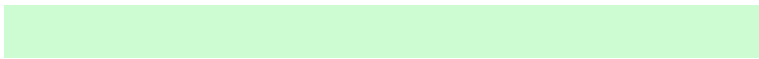
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2637, 89.7205, 71.0572



75.6882, 90.9142, 67.5310



71.6831, 87.2813, 74.3594



17.6457, 19.6331, 18.3219



20.8249, 37.6539, 6.1704



2.0428, 3.5462, 0.5768

Inverse Universe

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



73.3373, 68.1858, 101.3962



72.2240, 65.4317, 103.4307



78.6936, 71.0461, 97.1751



17.3117, 17.1733, 21.7876



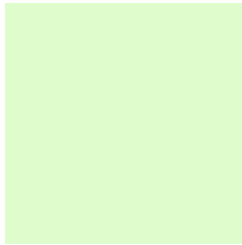
16.4140, 7.4044, 48.5376



1.6384, 0.7467, 4.5010

Previews

White Background



This preview shows how the XYZ color 76.2613, 89.7166, 71.0552 looks on a white background.

Color Contrast Check

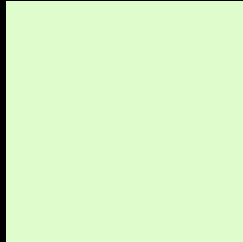
Large Text (above 18pt) WCAG AA × Fail

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 76.2613, 89.7166, 71.0552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

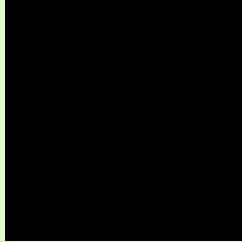
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

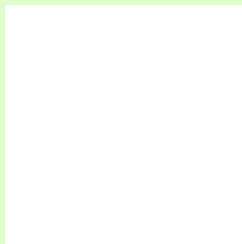
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.2613, 89.7166, 71.0552

Background



This preview shows how black text looks on a background with the XYZ color 76.2613, 89.7166, 71.0552.



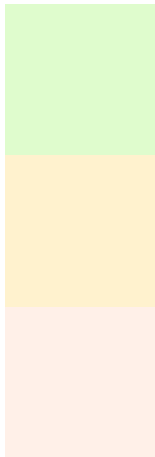
This preview shows how white text looks on a background with the XYZ color 76.2613, 89.7166,

71.0552.

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

76.2613, 89.7166, 71.0552

Protanopia

84.1327, 89.2205, 71.1795

Deuteranopia

86.9656, 89.4064, 89.0175



Tritanopia

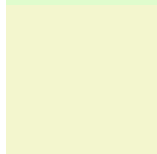
85.0256, 89.3257, 107.3680

Trichromacy



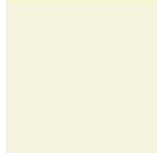
Original Color

76.2613, 89.7166, 71.0552



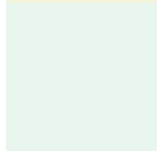
Protanomaly

81.0585, 89.4225, 71.3805



Deuteranomaly

82.4976, 89.0300, 81.9437



Tritanomaly

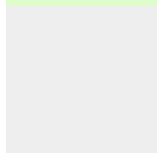
81.5205, 89.1818, 93.0380

Monochromacy



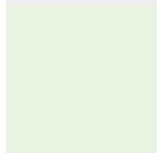
Original Color

76.2613, 89.7166, 71.0552



Achromatopsia

81.2670, 85.4993, 93.1087



Achromatomaly

79.3823, 86.9158, 84.5440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2613, 89.7166, 71.0552 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(223, 252, 205)` looks like.

```
.text, #text, p{  
    color:rgb(223, 252, 205)  
}
```

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(223, 252, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 252, 205) }
```

Border

The CSS property to change the border of an element to XYZ 76.2613, 89.7166, 71.0552 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(223, 252, 205) }
```


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

```
.border{ border-color:rgb(223, 252, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 252, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 252, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 252, 205);  
box-shadow:4px 4px 4px 4px rgb(223, 252,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2613, 89.7166, 71.0552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 252, 205) }
```

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

```
.background{ background-color: rgb(223,  
252, 205) }
```

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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