

Converting Colors

XYZ(79.2967, 91.8069, 71.8387)

Have a look what the booklet for
XYZ(79.2967, 91.8069, 71.8387)
contains.

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Color

**XYZ(79.2209, 91.6957,
71.9162)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FDCE
RGB	231, 253, 206
RGB Percent	91%, 99%, 81%
CMY	0.0941, 0.0078, 0.1921
CMYK	0.09, 0.00, 0.19, 0.01
HSL	88°, 92%, 90%
HSV	88°, 19%, 99%
XYZ	79.2209, 91.6957, 71.9162
YIQ	241.0640, 1.9750, -19.2810

Conversions

Conversions Part 2

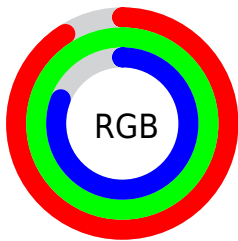
Format	Color
R _Y B	206, 253, 228
Decimal	15203790
CIE Lab	96.70, -15.21, 20.13
CIE LCh	97, 25.229, 127.076
Yxy	91.6957, 0.3262, 0.3776
Android (android.graphics.Color)	4293393870 (0xFFE7FDCE)
YUV	241.0640, -17.2866, -8.8261
Hunter-Lab	95.7579, -19.9025, 22.5025

Details

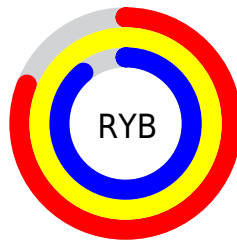
The XYZ color **79.2209, 91.6957, 71.9162** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.7994, 67.7310, 102.2225**, and the grayscale version is **83.7924, 88.1561, 96.0020**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0866, 50.8608, 37.2520** is the 20% darker color. If you saturate the color by 10%, you get **72.6976, 88.6626, 56.8377**, and if you desaturate by 10%, it is **86.5026, 95.0681, 89.6165**.

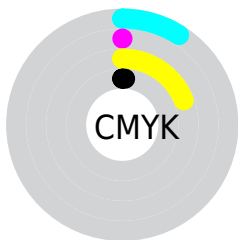
Distribution



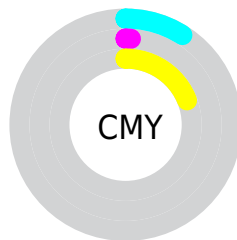
- Red (91%)
- Green (99%)
- Blue (81%)



- Red (81%)
- Yellow (99%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (9%)
- Magenta (1%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2209, 91.6957, 71.9162 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 79.2209, 91.6957, 71.9162 by changing the saturation by 10% instead.

79.2209, 91.6957,
71.9162

79.2209, 91.6957,
71.9162

481.0799,
533.5316, 486.2196

59.3837, 69.3879,
52.6038

131.2261,
149.6916, 123.6440

43.1696, 51.0277,
37.1010

164.1248,
186.1484, 156.8965

30.2133, 36.2306,
24.9893

202.1080,
228.0905, 195.6327

20.1494, 24.6124,
15.8502

245.5412,
275.9020, 240.2713

12.6126, 15.7885,
9.2650

294.7896,
329.9675, 291.2307

7.2375, 9.3746,
4.8152

350.2186,

3.6587, 4.9863,

390.6714, 348.9296

2.0824

412.1936,
458.3979, 413.7863

■ 1.5109, 2.2392,
0.6053

■ 0.3333, 0.7413,
0.0000

■ 79.2209, 91.6957,
71.9162

■ 79.2209, 91.6957,
71.9162

■ 72.6976, 88.6626,
56.8377

■ 86.5026, 95.0681,
89.6165

■ 66.8968, 85.9447,
44.2504

■ 94.3031, 98.6755,
108.6837

■ 61.7899, 83.5332,
34.0213

■ 94.4171, 98.7342,
108.6890

■ 57.3437, 81.4140,
26.0029

■ 53.5215, 79.5717,
20.0308

■ 50.2818, 77.9893,
15.9179

■ 47.5767, 76.6468,
13.4426

■ 45.3402, 75.5170,
12.2899

■ 45.0484, 75.3689,
12.1733

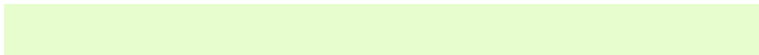
Harmonies

Analogous

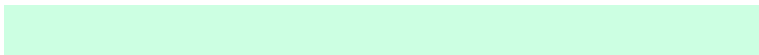
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4918, 91.6957, 66.0061



79.2209, 91.6957, 71.9162



75.2357, 91.6957, 85.4462

Triad

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



79.2209, 91.6957, 71.9162



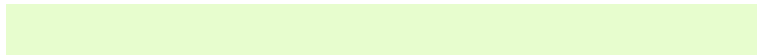
81.9711, 91.6957, 140.1144



101.3365, 91.6957, 95.1262

Complementary

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



79.2209, 91.6957, 71.9162



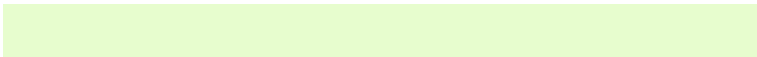
71.7994, 67.7310, 102.2225

Split Complementary

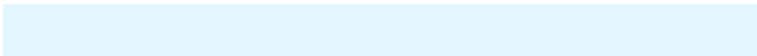
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



100.2688, 91.6957, 115.7680



79.2209, 91.6957, 71.9162



88.8376, 91.6957, 143.6219

Square

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



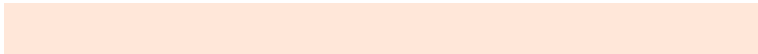
79.2209, 91.6957, 71.9162



76.7626, 91.6957, 125.1706



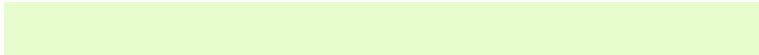
95.5998, 91.6957, 134.1944



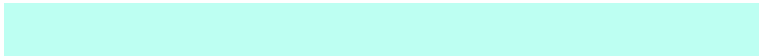
98.4433, 91.6957, 78.1822

Rectangle

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



79.2209, 91.6957, 71.9162



74.2835, 91.6957, 97.8706



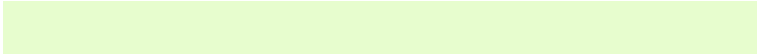
95.5998, 91.6957, 134.1944



101.4314, 91.6957, 101.8377

Sweetspot

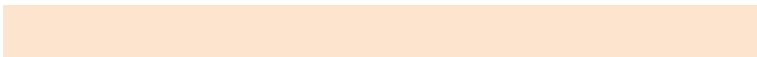
The Sweet Spot groups the original color and five complimentary colors.



79.2233, 91.6997, 71.9182



90.0974, 97.7202, 96.3179



79.3771, 80.7923, 69.8047



19.1729, 20.8647, 20.3360



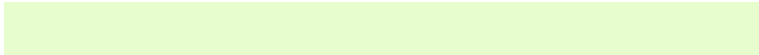
0.0000, 0.0000, 0.0000



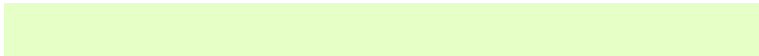
20.3446, 21.4041, 23.3091

Same Dimension

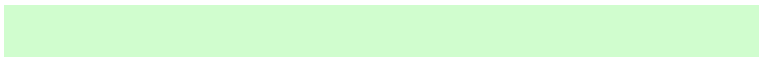
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2233, 91.6997, 71.9182



78.2864, 92.2536, 67.6526



72.1593, 88.0581, 71.5876



18.6941, 20.6437, 19.1437



24.1328, 40.1790, 6.4834



2.4759, 3.9771, 0.6372

Inverse Universe

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



71.7994, 67.7310, 102.2225



69.5526, 64.0546, 103.3057



79.7444, 71.8267, 102.5943



17.8115, 17.7946, 22.7459



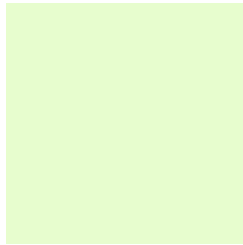
13.6027, 5.9229, 49.8609



1.4492, 0.6410, 4.8606

Previews

White Background



This preview shows how the XYZ color 79.2209, 91.6957, 71.9162 looks on a white background.

Color Contrast Check

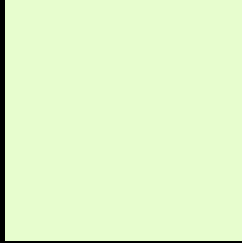
Large Text (above 18pt) WCAG AA × Fail

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 79.2209, 91.6957, 71.9162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

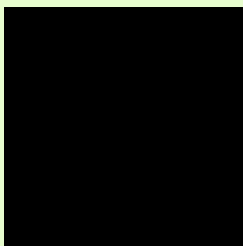
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

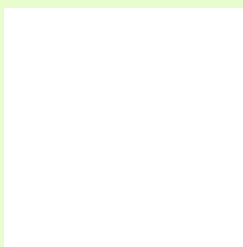
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.2209, 91.6957, 71.9162

Background



This preview shows how black text looks on a background with the XYZ color 79.2209, 91.6957, 71.9162.



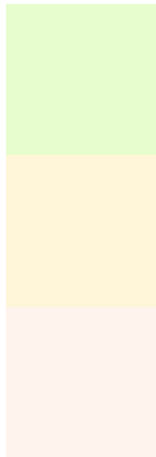
This preview shows how white text looks on a background with the XYZ color 79.2209, 91.6957,

71.9162.

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

79.2209, 91.6957, 71.9162

Protanopia

86.2871, 91.5227, 78.0836

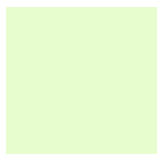
Deuteranopia

88.5767, 91.4756, 93.1088

Tritanopia

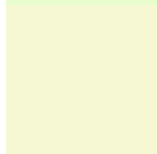
87.3204, 91.4021, 107.6478

Trichromacy



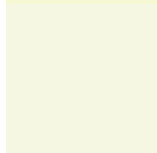
Original Color

79.2209, 91.6957, 71.9162



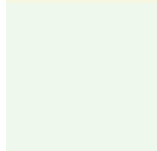
Protanomaly

83.4571, 91.4811, 75.5463



Deuteranomaly

84.9943, 91.6053, 85.1534



Tritanomaly

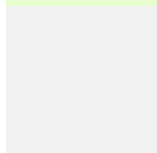
84.1134, 91.4264, 93.3346

Monochromacy



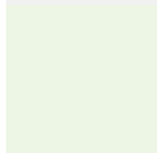
Original Color

79.2209, 91.6957, 71.9162



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.5811, 88.9108, 86.2605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2209, 91.6957, 71.9162 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(231, 253, 206)` looks like.

```
.text, #text, p{  
    color:rgb(231, 253, 206)  
}
```

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(231, 253, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 253, 206) }
```

Border

The CSS property to change the border of an element to XYZ 79.2209, 91.6957, 71.9162 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(231, 253, 206) }
```


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

```
.border{ border-color:rgb(231, 253, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 253, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 253, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 253, 206);  
box-shadow:4px 4px 4px 4px rgb(231, 253,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2209, 91.6957, 71.9162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 253, 206) }
```

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

```
.background{ background-color: rgb(231,  
253, 206) }
```

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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