

Converting Colors

XYZ(79.9519, 92.7245, 71.2225)

Have a look what the booklet for
XYZ(79.9519, 92.7245, 71.2225)
contains.

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Color

**XYZ(79.7400, 92.4472,
71.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FECD
RGB	232, 254, 205
RGB Percent	91%, 100%, 80%
CMY	0.0902, 0.0039, 0.1961
CMYK	0.09, 0.00, 0.19, 0.00
HSL	87°, 96%, 90%
HSV	87°, 19%, 100%
XYZ	79.7400, 92.4472, 71.3990
YIQ	241.8360, 2.6170, -19.9030

Conversions

Conversions Part 2

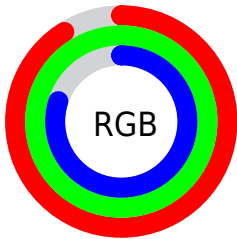
Format	Color
RYB	205, 254, 227
Decimal	15269581
CIELab	97.00, -15.51, 21.08
CIElCh	97, 26.167, 126.345
Yxy	92.4472, 0.3274, 0.3795
Android (android.graphics.Color)	4293459661 (0xFFE8FECD)
YUV	241.8360, -18.1601, -8.6262
Hunter-Lab	96.1495, -20.2255, 23.2769

Details

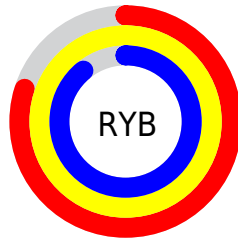
The XYZ color **79.7400, 92.4472, 71.3990** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **71.4030, 67.1519, 102.9691**, and the grayscale version is **84.4082, 88.8040, 96.7075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4567, 51.3970, 36.9084** is the 20% darker color. If you saturate the color by 10%, you get **73.3370, 89.4751, 56.3727**, and if you desaturate by 10%, it is **86.8860, 95.7504, 89.0621**.

Distribution



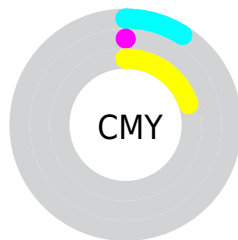
- Red (91%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (89%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7400, 92.4472, 71.3990 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 79.7400, 92.4472, 71.3990 by changing the saturation by 10% instead.

79.7400, 92.4472,
71.3990

79.7400, 92.4472,
71.3990

482.8061,
535.9598, 484.3682

59.8122, 70.0121,
52.1840

131.9526,
150.7330, 122.9014

43.5161, 51.5364,
36.7685

164.9680,
187.3526, 156.0260

30.4866, 36.6357,
24.7340

203.0767,
229.4691, 194.6242

20.3581, 24.9256,
15.6617

246.6439,
277.4670, 239.1145

12.7654, 16.0216,
9.1334

296.0352,
331.7306, 289.9155

7.3431, 9.5394,
4.7303

351.6157,

3.7258, 5.0947,

392.6443, 347.4458

2.0339

413.7509,
460.5926, 412.1239

■ 1.5482, 2.3029,
0.5760

■ 0.3583, 0.7753,
0.0000

■ 79.7400, 92.4472,
71.3990

■ 79.7400, 92.4472,
71.3990

■ 73.3370, 89.4751,
56.3727

■ 86.8860, 95.7504,
89.0621

■ 67.6412, 86.8101,
43.8507

94.6649, 99.3319,
108.7913

■ 62.6244, 84.4433,
33.6979

94.7337, 99.3674,
108.7946

■ 58.2534, 82.3611,
25.7644

■ 54.4915, 80.5480,
19.8829

■ 51.2973, 78.9870,
15.8623

■ 48.6225, 77.6582,
13.4758

■ 46.3961, 76.5324,
12.3785

■ 46.2498, 76.4581,
12.3203

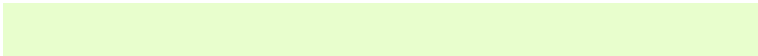
Harmonies

Analogous

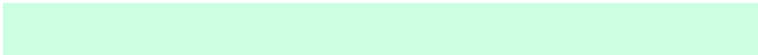
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3124, 92.4472, 65.4922



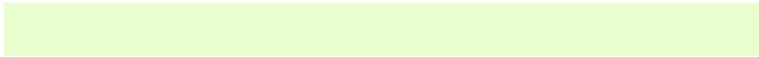
79.7400, 92.4472, 71.3990



75.5247, 92.4472, 85.2482

Triad

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



79.7400, 92.4472, 71.3990



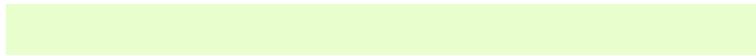
82.3081, 92.4472, 142.5658



102.7075, 92.4472, 96.2430

Complementary

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



79.7400, 92.4472, 71.3990



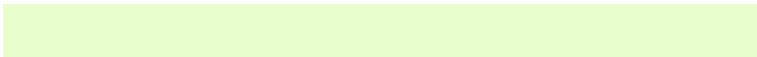
71.4030, 67.1519, 102.9691

Split Complementary

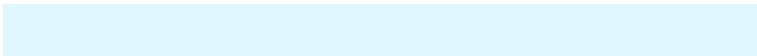
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.4884, 92.4472, 117.8240



79.7400, 92.4472, 71.3990



89.4427, 92.4472, 146.5871

Square

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



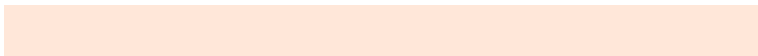
79.7400, 92.4472, 71.3990



76.9485, 92.4472, 126.6591



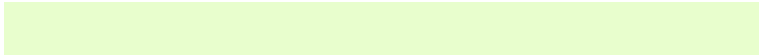
96.5310, 92.4472, 136.9870



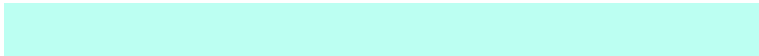
99.7752, 92.4472, 78.4857

Rectangle

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



79.7400, 92.4472, 71.3990



74.4800, 92.4472, 98.0963



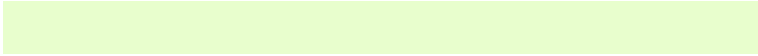
96.5310, 92.4472, 136.9870



102.7719, 92.4472, 103.2665

Sweetspot

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



79.7424, 92.4512, 71.4010



90.2010, 97.7736, 96.3227



79.1558, 80.0016, 69.0289



19.1974, 20.8773, 20.3371



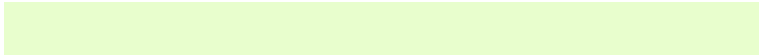
0.0000, 0.0000, 0.0000



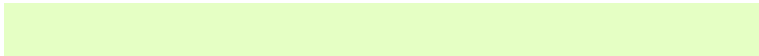
20.3446, 21.4041, 23.3091

Same Dimension

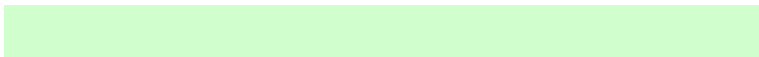
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7424, 92.4512, 71.4010



77.9695, 92.1242, 66.1060



72.5515, 88.7442, 71.0645



18.7284, 20.6614, 19.1453



24.5547, 40.3965, 6.5031



2.5167, 3.9981, 0.6391

Inverse Universe

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



71.4030, 67.1519, 102.9691



68.2039, 62.4962, 103.0760



79.4119, 71.2806, 103.3439



17.7775, 17.7770, 22.7443



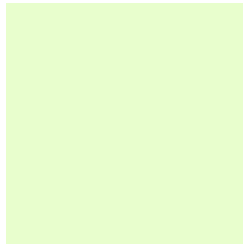
13.2582, 5.7453, 49.8448



1.4145, 0.6231, 4.8590

Previews

White Background



This preview shows how the XYZ color 79.7400, 92.4472, 71.3990 looks on a white background.

Color Contrast Check

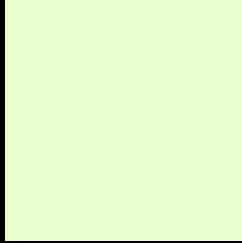
Large Text (above 18pt) WCAG AA × Fail

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 79.7400, 92.4472, 71.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

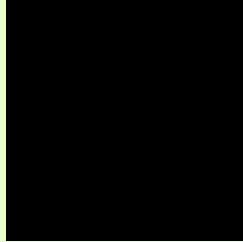
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

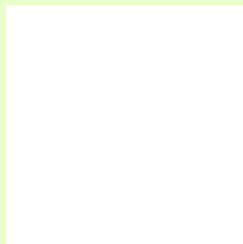
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7400, 92.4472, 71.3990

Background



This preview shows how black text looks on a background with the XYZ color 79.7400, 92.4472, 71.3990.



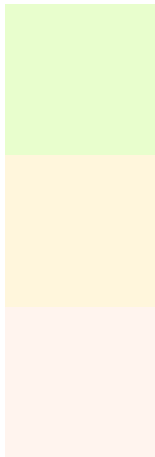
This preview shows how white text looks on a background with the XYZ color 79.7400, 92.4472,

71.3990.

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

79.7400, 92.4472, 71.3990

Protanopia

87.1140, 92.3388, 80.9419

Deuteranopia

89.0233, 92.1344, 93.9806

Tritanopia

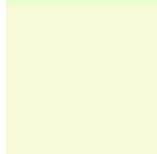
88.3140, 92.3646, 107.7813

Trichromacy



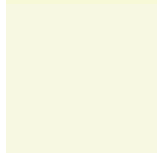
Original Color

79.7400, 92.4472, 71.3990



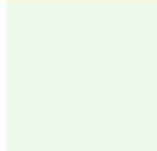
Protanomaly

84.4992, 92.4318, 77.6775



Deuteranomaly

85.6526, 92.3999, 85.2721



Tritanomaly

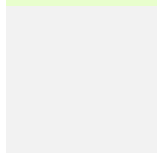
85.0969, 92.3911, 93.4689

Monochromacy



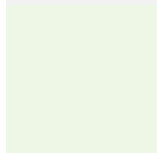
Original Color

79.7400, 92.4472, 71.3990



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.3585, 89.7458, 87.1107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7400, 92.4472, 71.3990 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(232, 254, 205)` looks like.

```
.text, #text, p{  
    color:rgb(232, 254, 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(232, 254, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 254, 205) }
```

Border

The CSS property to change the border of an element to XYZ 79.7400, 92.4472, 71.3990 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(232, 254, 205) }
```


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

```
.border{ border-color:rgb(232, 254, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 254, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 254, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 254, 205);  
box-shadow:4px 4px 4px 4px rgb(232, 254,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7400, 92.4472, 71.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 254, 205) }
```

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

```
.background{ background-color: rgb(232,  
254, 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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