

Converting Colors

XYZ(79.7337, 86.9667, 70.3414)

Have a look what the booklet for
XYZ(79.7337, 86.9667, 70.3414)
contains.

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Color

**XYZ(79.7337, 86.9667,
70.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F2CD
RGB	243, 242, 205
RGB Percent	95%, 95%, 80%
CMY	0.0471, 0.0510, 0.1961
CMYK	0.00, 0.00, 0.16, 0.05
HSL	58°, 61%, 88%
HSV	58°, 16%, 95%
XYZ	79.7337, 86.9667, 70.3414
YIQ	238.0810, 12.4730, -11.2950

Conversions

Conversions Part 2

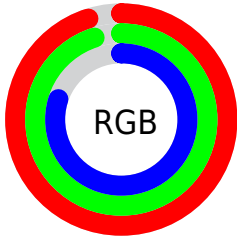
Format	Color
R _Y B	206, 243, 205
Decimal	15987405
CIE Lab	94.72, -5.70, 18.01
CIE LCh	95, 18.890, 107.558
Yxy	86.9667, 0.3364, 0.3669
Android (android.graphics.Color)	4294177485 (0xFFFF3F2CD)
YUV	238.0810, -16.3089, 4.3140
Hunter-Lab	93.2559, -10.5806, 20.5577

Details

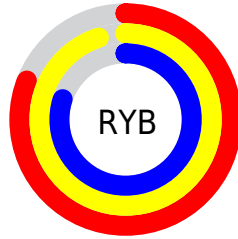
The XYZ color **79.7337, 86.9667, 70.3414** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.4256, 63.5915, 93.7261**, and the grayscale version is **81.4483, 85.6899, 93.3163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.6383, 47.9170, 36.2271** is the 20% darker color. If you saturate the color by 10%, you get **76.8372, 85.5086, 56.0109**, and if you desaturate by 10%, it is **83.0911, 88.6161, 87.0752**.

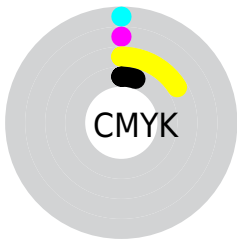
Distribution



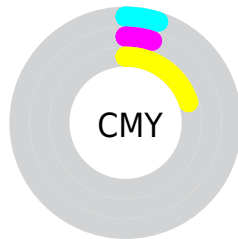
- Red (95%)
- Green (95%)
- Blue (80%)



- Red (81%)
- Yellow (95%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7337, 86.9667, 70.3414 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 79.7337, 86.9667, 70.3414 by changing the saturation by 10% instead.

79.7337, 86.9667,
70.3414

79.7337, 86.9667,
70.3414

482.7851,
518.1134, 480.5693

59.8070, 65.4676,
51.3264

131.9438,
143.1177, 121.3812

43.5119, 47.8404,
36.0899

164.9578,
178.5385, 154.2430

30.4832, 33.7005,
24.2134

203.0649,
219.3686, 192.5575

20.3556, 22.6636,
15.2783

246.6306,
265.9925, 236.7433

12.7635, 14.3453,
8.8662

296.0201,
318.7945, 287.2188

7.3418, 8.3612,
4.5584

351.5987,

3.7250, 4.3269,

378.1591, 344.4026

1.9364

413.7320,
444.4706, 408.7132

■ 1.5478, 1.8581,
0.5157

■ 0.3580, 0.5230,
0.0000

■ 79.7337, 86.9667,
70.3414

■ 79.7337, 86.9667,
70.3414

■ 76.8372, 85.5086,
56.0109

■ 83.0911, 88.6161,
87.0752

■ 74.3738, 84.2218,
43.9677

■ 86.9221, 90.4530,
106.3100

■ 72.3231, 83.1012,
34.0946

■ 87.3374, 90.9247,
107.5548

■ 70.6604, 82.1369,
26.2618

■ 87.5290, 91.3081,
107.6187

69.3586, 81.3179,
20.3258

87.7214, 91.6927,
107.6828

68.3867, 80.6319,
16.1243

87.9143, 92.0787,
107.7471

67.7089, 80.0647,
13.4678

88.1080, 92.4660,
107.8117

67.2807, 79.5983,
12.1226

88.3023, 92.8546,
107.8764

67.1423, 79.4145,
11.7898

88.4973, 93.2446,
107.9414

Harmonies

Analogous

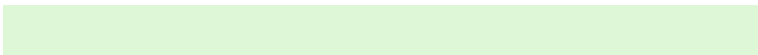
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7920, 86.9667, 69.8102



79.7337, 86.9667, 70.3414



75.6259, 86.9667, 76.9613

Triad

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



79.7337, 86.9667, 70.3414



76.2111, 86.9667, 116.9864



92.6187, 86.9667, 100.8783

Complementary

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



79.7337, 86.9667, 70.3414



63.4256, 63.5915, 93.7261

Split Complementary

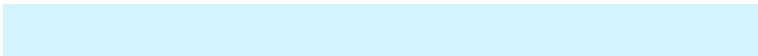
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.1157, 86.9667, 114.9560



79.7337, 86.9667, 70.3414



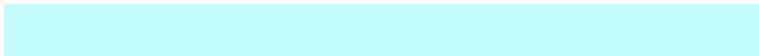
80.5625, 86.9667, 124.8781

Square

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



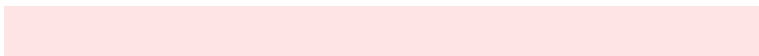
79.7337, 86.9667, 70.3414



73.6504, 86.9667, 103.4269



85.6555, 86.9667, 124.0989



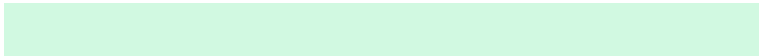
92.3743, 86.9667, 86.4632

Rectangle

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



79.7337, 86.9667, 70.3414



73.9156, 86.9667, 84.3615



85.6555, 86.9667, 124.0989



92.0665, 86.9667, 105.8330

Sweetspot

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



79.7360, 86.9705, 70.3433



92.9582, 98.9931, 98.4096



69.9674, 67.1877, 67.8445



19.8363, 21.1592, 20.7603



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.



79.7360, 86.9705, 70.3433



87.8042, 96.4564, 72.7336



74.2055, 84.5602, 70.1695



17.8753, 19.2347, 17.5681



36.8664, 43.6183, 6.4761



3.2518, 3.8567, 0.5730

Inverse Universe

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



63.4256, 63.5915, 93.7261



66.1682, 65.4439, 103.7522



68.3593, 65.7805, 93.8886



15.6159, 15.9962, 20.8071



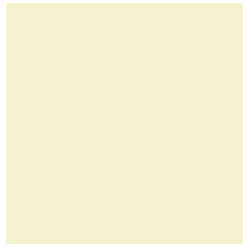
8.9318, 3.6573, 46.7732



0.7970, 0.3455, 4.1149

Previews

White Background



This preview shows how the XYZ color 79.7337, 86.9667, 70.3414 looks on a white background.

Color Contrast Check

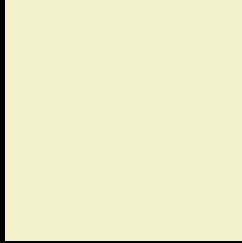
Large Text (above 18pt) WCAG AA × Fail

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 79.7337, 86.9667, 70.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

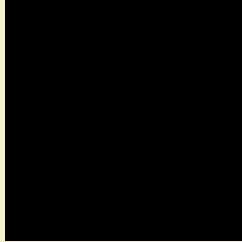
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7337, 86.9667, 70.3414

Background



This preview shows how black text looks on a background with the XYZ color 79.7337, 86.9667, 70.3414.

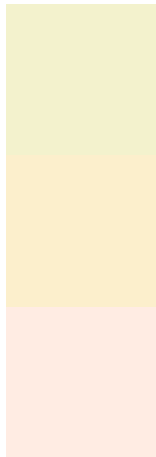


This preview shows how white text looks on a background with the XYZ color 79.7337, 86.9667,

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

79.7337, 86.9667, 70.3414

Protanopia

81.9105, 86.7881, 69.5614

Deuteranopia

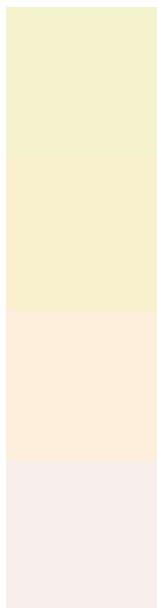
85.1006, 86.7970, 84.9413



Tritanopia

87.0221, 86.8964, 105.9521

Trichromacy



Original Color

79.7337, 86.9667, 70.3414

Protanomaly

81.1261, 86.8195, 69.6088

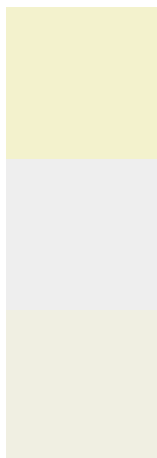
Deuteranomaly

83.1444, 86.7728, 79.3845

Tritanomaly

84.0726, 86.9794, 91.7145

Monochromacy



Original Color

79.7337, 86.9667, 70.3414

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.5291, 85.7493, 84.2584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7337, 86.9667, 70.3414 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(243, 242, 205) looks like.

```
.text, #text, p{  
    color:rgb(243, 242, 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(243, 242, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 242, 205) }
```

Border

The CSS property to change the border of an element to XYZ 79.7337, 86.9667, 70.3414 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(243, 242, 205) }
```


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

```
.border{ border-color:rgb(243, 242, 205) }
```

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

Here you see how a box with a 4 pixel rgb(243, 242, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 242, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 242, 205);  
box-shadow:4px 4px 4px 4px rgb(243, 242,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7337, 86.9667, 70.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 242, 205) }
```

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

```
.background{ background-color: rgb(243,  
242, 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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