

Converting Colors

XYZ(79.6736, 88.5184, 79.9044)

Have a look what the booklet for
XYZ(79.6736, 88.5184, 79.9044)
contains.

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Color

**XYZ(79.6736, 88.5184,
79.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF6DB
RGB	234, 246, 219
RGB Percent	92%, 96%, 86%
CMY	0.0823, 0.0353, 0.1412
CMYK	0.05, 0.00, 0.11, 0.04
HSL	87°, 60%, 91%
HSV	87°, 11%, 96%
XYZ	79.6736, 88.5184, 79.9044
YIQ	239.3340, 1.5150, -10.9410

Conversions

Conversions Part 2

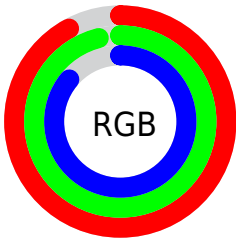
Format	Color
R _Y B	219, 246, 231
Decimal	15398619
CIE Lab	95.38, -8.64, 11.63
CIE LCh	95, 14.490, 126.596
Yxy	88.5184, 0.3211, 0.3568
Android (android.graphics.Color)	4293588699 (0xFFEAF6DB)
YUV	239.3340, -10.0247, -4.6779
Hunter-Lab	94.0842, -13.4877, 15.5048

Details

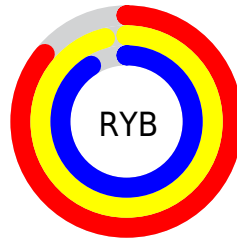
The XYZ color **79.6736, 88.5184, 79.9044** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.9246, 74.3083, 97.5874**, and the grayscale version is **82.3812, 86.6714, 94.3852**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4744, 48.9722, 42.2832** is the 20% darker color. If you saturate the color by 10%, you get **73.1917, 85.5264, 63.9263**, and if you desaturate by 10%, it is **86.8607, 91.8238, 98.4176**.

Distribution



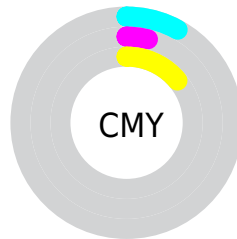
- Red (92%)
- Green (96%)
- Blue (86%)



- Red (86%)
- Yellow (96%)
- Blue (91%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6736, 88.5184, 79.9044 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 79.6736, 88.5184, 79.9044 by changing the saturation by 10% instead.

79.6736, 88.5184,
79.9044

79.6736, 88.5184,
79.9044

482.5855,
523.1994, 514.3089

59.7573, 66.7525,
59.1140

131.8597,
145.2787, 135.0415

43.4718, 48.8835,
42.2843

164.8602,
181.0418, 170.2253

30.4516, 34.5271,
28.9967

202.9528,
222.2394, 211.0439

20.3314, 23.2988,
18.8328

246.5030,
269.2560, 257.9159

12.7458, 14.8143,
11.3739

295.8759,
322.4759, 311.2599

7.3295, 8.6892,
6.2016

351.4371,

3.7172, 4.5390,

382.2835, 371.4943

2.8973

413.5518,
449.0632, 439.0378

■ 1.5434, 1.9794,
1.0424

■ 0.3551, 0.5955,
0.0000

■ 79.6736, 88.5184,
79.9044

■ 79.6736, 88.5184,
79.9044

■ 73.1917, 85.5264,
63.9263

■ 86.8607, 91.8238,
98.4176

■ 67.3828, 82.8259,
50.3670

■ 92.2475, 94.3950,
107.9658

■ 62.2229, 80.4097,
39.1102

■ 57.6834, 78.2658,
30.0273

■ 53.7332, 76.3814,
22.9772

■ 50.3379, 74.7421,
17.8021

■ 47.4585, 73.3318,
14.3211

■ 45.0493, 72.1316,
12.3175

■ 43.2156, 71.2033,
11.4659

Harmonies

Analogous

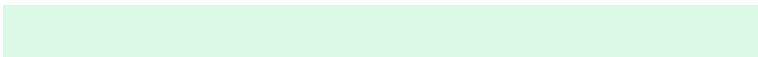
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.2621, 88.5184, 76.2919



79.6736, 88.5184, 79.9044



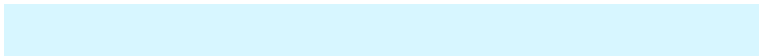
77.3345, 88.5184, 87.9722

Triad

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



79.6736, 88.5184, 79.9044



81.1441, 88.5184, 117.8230



91.9311, 88.5184, 93.8971

Complementary

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



79.6736, 88.5184, 79.9044



74.9246, 74.3083, 97.5874

Split Complementary

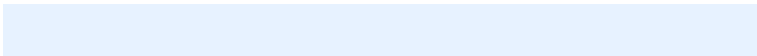
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.3210, 88.5184, 105.3103



79.6736, 88.5184, 79.9044



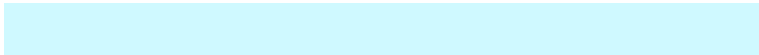
85.0122, 88.5184, 119.7203

Square

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



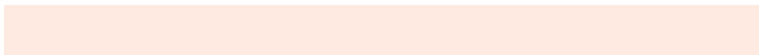
79.6736, 88.5184, 79.9044



78.1647, 88.5184, 109.9825



88.7580, 88.5184, 114.9810



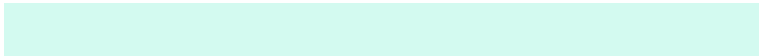
90.3999, 88.5184, 83.9507

Rectangle

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



79.6736, 88.5184, 79.9044



76.7561, 88.5184, 95.0917



88.7580, 88.5184, 114.9810



91.9703, 88.5184, 97.6829

Sweetspot

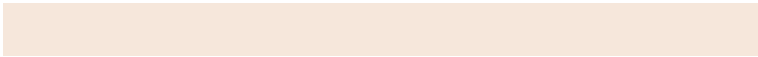
The Sweet Spot groups the original color and five complimentary colors.



79.6760, 88.5222, 79.9063



92.6024, 98.8777, 102.4838



79.2875, 81.6945, 78.6089



19.6833, 21.1008, 21.5780



0.0000, 0.0000, 0.0000



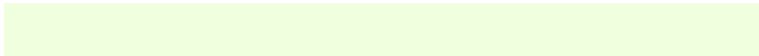
20.3446, 21.4041, 23.3091

Same Dimension

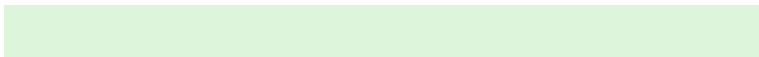
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6760, 88.5222, 79.9063



84.9493, 95.3572, 82.9304



75.5026, 86.3707, 79.7110



17.1625, 18.9258, 17.5461



23.2296, 38.0881, 6.1274



2.1598, 3.4085, 0.5441

Inverse Universe

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



74.9246, 74.3083, 97.5874



78.9188, 77.3164, 105.3718



79.3471, 76.5881, 97.7944



16.2805, 16.2872, 20.8282



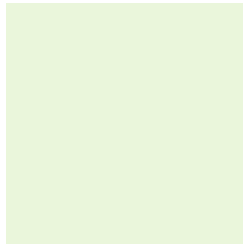
12.4245, 5.3794, 46.9215



1.2082, 0.5327, 4.1294

Previews

White Background



This preview shows how the XYZ color 79.6736, 88.5184, 79.9044 looks on a white background.

Color Contrast Check

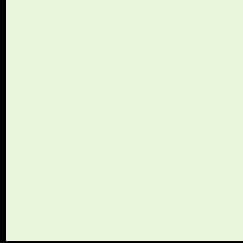
Large Text (above 18pt) WCAG AA × Fail

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 79.6736, 88.5184, 79.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

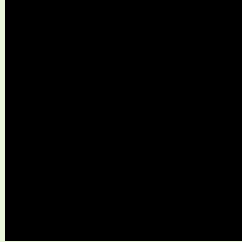
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

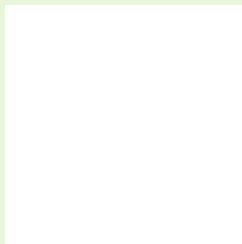
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.6736, 88.5184, 79.9044

Background



This preview shows how black text looks on a background with the XYZ color 79.6736, 88.5184, 79.9044.



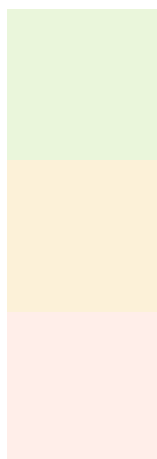
This preview shows how white text looks on a background with the XYZ color 79.6736, 88.5184,

79.9044.

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



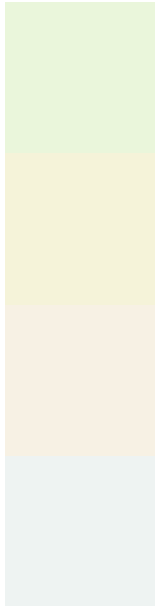
Original Color
79.6736, 88.5184, 79.9044
Protanopia
83.9949, 88.5639, 77.6333
Deuteranopia
86.5225, 88.2923, 89.5727



Tritanopia

85.4405, 88.6559, 107.2168

Trichromacy



Original Color

79.6736, 88.5184, 79.9044

Protanomaly

82.2312, 88.5234, 78.3983

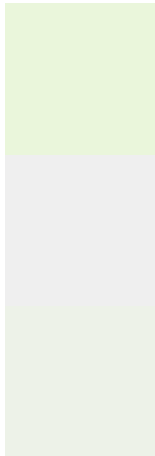
Deuteranomaly

83.8167, 88.2862, 86.0221

Tritanomaly

83.3375, 88.6891, 96.7308

Monochromacy



Original Color

79.6736, 88.5184, 79.9044

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.2427, 87.3350, 88.9193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6736, 88.5184, 79.9044 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(234, 246, 219) looks like.

```
.text, #text, p{  
    color:rgb(234, 246, 219)  
}
```

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(234, 246, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 246, 219) }
```

Border

The CSS property to change the border of an element to XYZ 79.6736, 88.5184, 79.9044 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(234, 246, 219) }
```


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

```
.border{ border-color:rgb(234, 246, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 246, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 246, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 246, 219);  
box-shadow:4px 4px 4px 4px rgb(234, 246,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6736, 88.5184, 79.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 246, 219) }
```

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

```
.background{ background-color: rgb(234,  
246, 219) }
```

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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