

Converting Colors

XYZ(76.9131, 86.7051, 76.9720)

Have a look what the booklet for
XYZ(76.9131, 86.7051, 76.9720)
contains.

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Color

**XYZ(76.9131, 86.7051,
76.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F5D7
RGB	228, 245, 215
RGB Percent	89%, 96%, 84%
CMY	0.1059, 0.0392, 0.1569
CMYK	0.07, 0.00, 0.12, 0.04
HSL	94°, 60%, 90%
HSV	94°, 12%, 96%
XYZ	76.9131, 86.7051, 76.9720
YIQ	236.4970, -0.5020, -12.9340

Conversions

Conversions Part 2

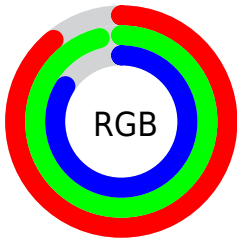
Format	Color
R _Y B	215, 245, 232
Decimal	15005143
CIE Lab	94.61, -10.85, 12.55
CIE LCh	95, 16.586, 130.841
Yxy	86.7051, 0.3197, 0.3604
Android (android.graphics.Color)	4293195223 (0xFFE4F5D7)
YUV	236.4970, -10.5980, -7.4519
Hunter-Lab	93.1156, -15.5120, 16.1701

Details

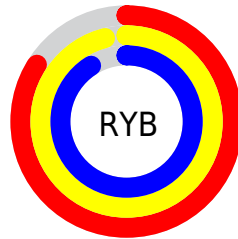
The XYZ color **76.9131, 86.7051, 76.9720** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.0640, 72.3516, 96.4524**, and the grayscale version is **80.1909, 84.3670, 91.8757**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5560, 47.7039, 40.2752** is the 20% darker color. If you saturate the color by 10%, you get **69.7687, 83.3615, 61.4162**, and if you desaturate by 10%, it is **84.8876, 90.4272, 95.0313**.

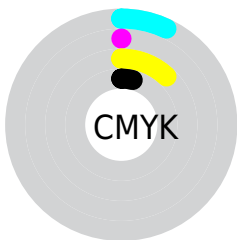
Distribution



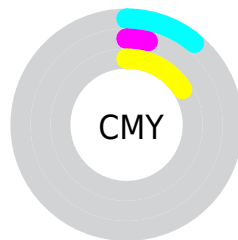
- Red (89%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (11%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9131, 86.7051, 76.9720 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 76.9131, 86.7051, 76.9720 by changing the saturation by 10% instead.

76.9131, 86.7051,
76.9720

76.9131, 86.7051,
76.9720

473.3642,
517.2533, 504.1037

57.4812, 65.2512,
56.7185

127.9903,
142.7530, 130.8726

41.6334, 47.6648,
40.3714

160.3663,
178.1158, 165.3568

29.0042, 33.5615,
27.5122

197.7878,
218.8837, 205.4215

19.2283, 22.5569,
17.7225

240.6201,
265.4411, 251.4855

11.9403, 14.2667,
10.5836

289.2285,
318.1724, 303.9671

6.7750, 8.3064,
5.6769

343.9784,

3.3668, 4.2916,

377.4619, 363.2850

2.5840

405.2352,
443.6941, 429.8577

■ 1.3506, 1.8380,
0.8842

■ 0.2206, 0.5107,
0.0000

■ 76.9131, 86.7051,
76.9720

■ 76.9131, 86.7051,
76.9720

■ 69.7687, 83.3615,
61.4162

■ 84.8876, 90.4272,
95.0313

■ 63.4182, 80.3726,
48.2477

■ 91.9441, 93.7882,
107.8647

■ 57.8328, 77.7286,
37.3499

■ 52.9793, 75.4153,
28.5938

■ 48.8216, 73.4172,
21.8378

■ 45.3197, 71.7171,
16.9228

■ 42.4290, 70.2959,
13.6659

■ 40.0967, 69.1315,
11.8464

■ 38.6160, 68.3817,
11.1637

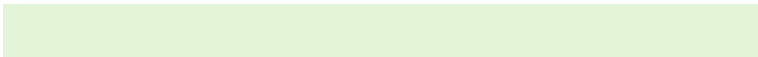
Harmonies

Analogous

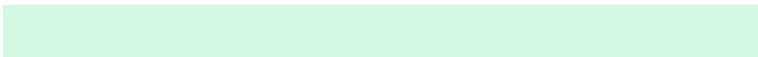
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8035, 86.7051, 72.2229



76.9131, 86.7051, 76.9720



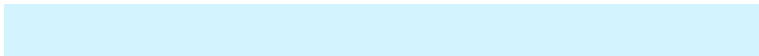
74.5504, 86.7051, 86.5520

Triad

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



76.9131, 86.7051, 76.9720



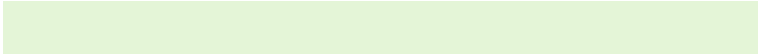
79.6201, 86.7051, 119.6380



91.1496, 86.7051, 89.8496

Complementary

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



76.9131, 86.7051, 76.9720



74.0640, 72.3516, 96.4524

Split Complementary

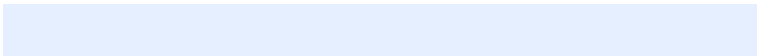
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.8047, 86.7051, 102.7237



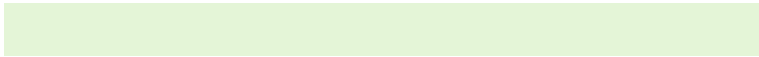
76.9131, 86.7051, 76.9720



84.0389, 86.7051, 120.7241

Square

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



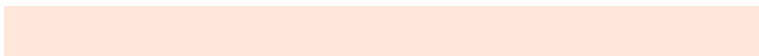
76.9131, 86.7051, 76.9720



76.0738, 86.7051, 111.4487



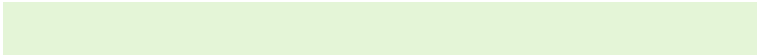
88.1640, 86.7051, 114.2943



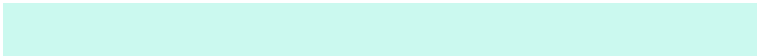
89.0899, 86.7051, 79.1978

Rectangle

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



76.9131, 86.7051, 76.9720



74.1066, 86.7051, 94.7692



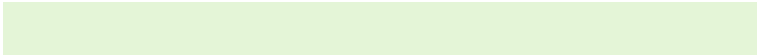
88.1640, 86.7051, 114.2943



91.3128, 86.7051, 94.0459

Sweetspot

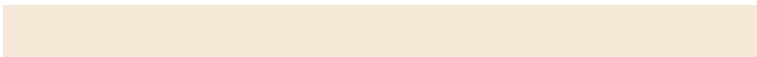
The Sweet Spot groups the original color and five complimentary colors.



76.9155, 86.7088, 76.9739



91.3560, 98.2804, 100.3812



78.7819, 82.0354, 75.9734



19.4088, 20.9684, 21.1537



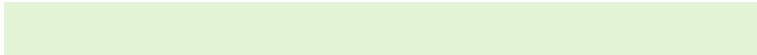
0.0000, 0.0000, 0.0000



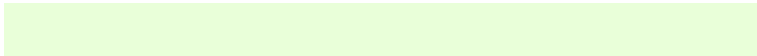
20.3446, 21.4041, 23.3091

Same Dimension

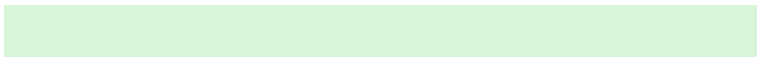
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.9155, 86.7088, 76.9739



81.9614, 93.8947, 79.2789



73.2037, 84.7655, 78.1503



16.9632, 18.8231, 17.5367



20.9541, 36.9150, 6.0209



1.9571, 3.3040, 0.5346

Inverse Universe

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



74.0640, 72.3516, 96.4524



78.2022, 74.9682, 104.9564



78.1376, 74.4868, 95.0574



16.4800, 16.3901, 20.8376



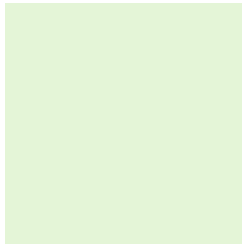
14.7633, 6.5851, 47.0310



1.4153, 0.6394, 4.1391

Previews

White Background



This preview shows how the XYZ color 76.9131, 86.7051, 76.9720 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 76.9131, 86.7051, 76.9720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

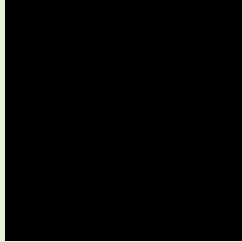
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

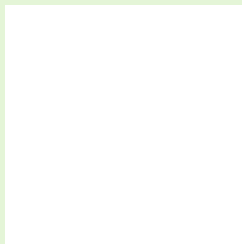
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.9131, 86.7051, 76.9720

Background



This preview shows how black text looks on a background with the XYZ color 76.9131, 86.7051, 76.9720.



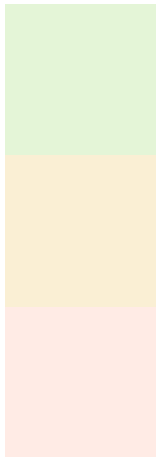
This preview shows how white text looks on a background with the XYZ color 76.9131, 86.7051,

76.9720.

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

76.9131, 86.7051, 76.9720

Protanopia

82.1745, 86.8105, 74.7124

Deuteranopia

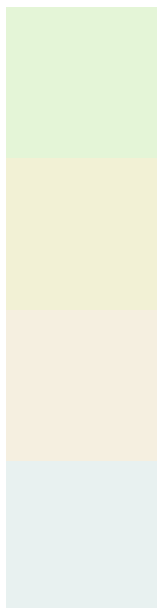
85.0912, 86.3338, 86.3080



Tritanopia

83.1775, 86.6152, 106.9422

Trichromacy



Original Color

76.9131, 86.7051, 76.9720

Protanomaly

80.0835, 86.5919, 75.4439

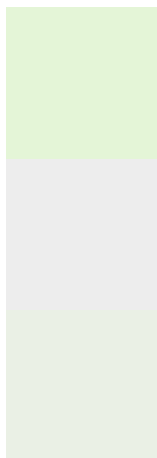
Deuteranomaly

81.9772, 86.5273, 82.9018

Tritanomaly

80.4622, 86.3577, 94.8660

Monochromacy



Original Color

76.9131, 86.7051, 76.9720

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.2346, 85.4697, 86.4499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9131, 86.7051, 76.9720 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(228, 245, 215) looks like.

```
.text, #text, p{  
    color:rgb(228, 245, 215)  
}
```

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(228, 245, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 245, 215) }
```

Border

The CSS property to change the border of an element to XYZ 76.9131, 86.7051, 76.9720 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(228, 245, 215) }
```


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

```
.border{ border-color:rgb(228, 245, 215) }
```

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

Here you see how a box with a 4 pixel rgb(228, 245, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 245, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 245, 215);  
box-shadow:4px 4px 4px 4px rgb(228, 245,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9131, 86.7051, 76.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 245, 215) }
```

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

```
.background{ background-color: rgb(228,  
245, 215) }
```

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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