

Converting Colors

XYZ(70.9864, 78.9569, 75.1179)

Have a look what the booklet for
XYZ(70.9864, 78.9569, 75.1179)
contains.

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Color

**XYZ(71.0756, 78.9163,
75.1046)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEAD6
RGB	220, 234, 214
RGB Percent	86%, 92%, 84%
CMY	0.1372, 0.0823, 0.1608
CMYK	0.06, 0.00, 0.09, 0.08
HSL	102°, 32%, 88%
HSV	102°, 9%, 92%
XYZ	71.0756, 78.9163, 75.1046
YIQ	227.5340, -1.9240, -9.1880

Conversions

Conversions Part 2

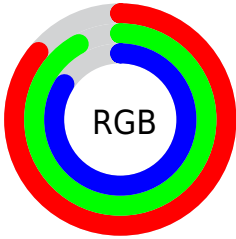
Format	Color
RYB	214, 234, 228
Decimal	14478038
CIELab	91.20, -8.22, 8.11
CIELCh	91, 11.546, 135.384
Yxy	78.9163, 0.3158, 0.3506
Android (android.graphics.Color)	4292668118 (0xFFDCEAD6)
YUV	227.5340, -6.6723, -6.6073
Hunter-Lab	88.8348, -12.6455, 12.0582

Details

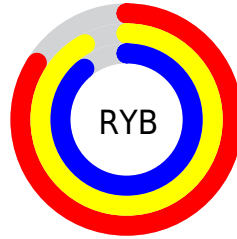
The XYZ color **71.0756, 78.9163, 75.1046** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.8958, 70.5298, 87.7230**, and the grayscale version is **73.4525, 77.2777, 84.1555**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.6955, 42.3433, 38.9872** is the 20% darker color. If you saturate the color by 10%, you get **63.5820, 75.3764, 60.2584**, and if you desaturate by 10%, it is **79.4888, 82.8853, 92.2382**.

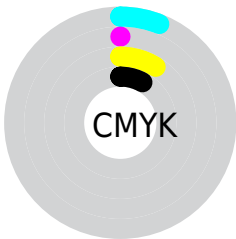
Distribution



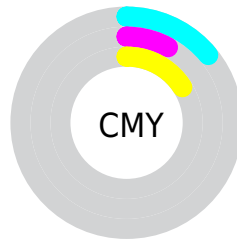
- Red (86%)
- Green (92%)
- Blue (84%)



- Red (84%)
- Yellow (92%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (14%)
- Magenta (8%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0756, 78.9163, 75.1046 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 71.0756, 78.9163, 75.1046 by changing the saturation by 10% instead.

71.0756, 78.9163,
75.1046

71.0756, 78.9163,
75.1046

453.5254,
491.2731, 497.5420

52.6866, 58.8270,
55.1963

119.7593,
131.8410, 128.2089

37.7792, 42.4739,
39.1593

150.7848,
165.4452, 162.2420

25.9878, 29.4725,
26.5749

186.7531,
204.3232, 201.8204

16.9471, 19.4386,
17.0246

228.0297,
248.8593, 247.3628

10.2919, 11.9876,
10.0899

274.9798,
299.4380, 299.2876

5.6566, 6.7352,
5.3522

327.9689,

2.6761, 3.2971,

356.4436, 358.0134

2.3930

387.3623,
420.2605, 423.9587

■ 0.9849, 1.2887,
0.7826

■ 0.0000, 0.1324,
0.0000

■ 71.0756, 78.9163,
75.1046

■ 71.0756, 78.9163,
75.1046

■ 63.5820, 75.3764,
60.2584

■ 79.4888, 82.8853,
92.2382

■ 56.9695, 72.2409,
47.5978

■ 87.8971, 86.9074,
106.7499

■ 51.2061, 69.4979,
37.0211

■ 88.7144, 87.3287,
106.7881

■ 46.2554, 67.1310,
28.4164

■ 42.0782, 65.1228,
21.6612

■ 38.6317, 63.4540,
16.6196

■ 35.8684, 62.1038,
13.1368

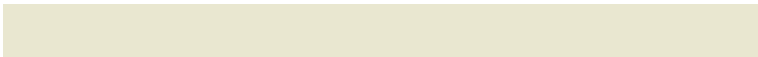
■ 33.7343, 61.0480,
11.0301

■ 32.1575, 60.2556,
10.0332

Harmonies

Analogous

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



73.5257, 78.9163, 71.3156



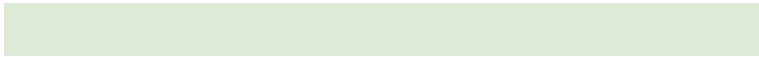
71.0756, 78.9163, 75.1046



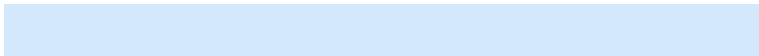
69.6969, 78.9163, 81.9264

Triad

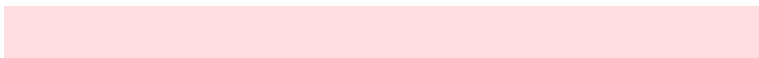
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0756, 78.9163, 75.1046



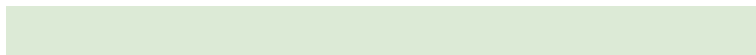
73.5976, 78.9163, 102.4706



80.5609, 78.9163, 81.7245

Complementary

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



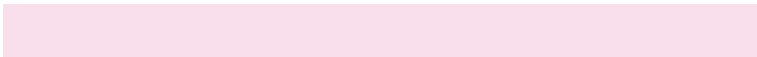
71.0756, 78.9163, 75.1046



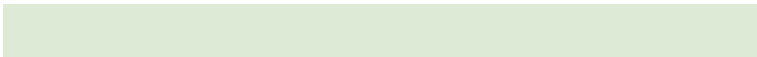
70.8958, 70.5298, 87.7230

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.



80.5814, 78.9163, 90.0545



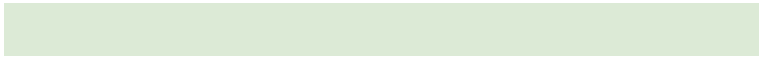
71.0756, 78.9163, 75.1046



76.5093, 78.9163, 102.4078

Square

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



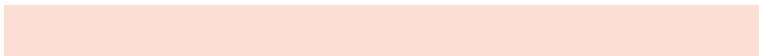
71.0756, 78.9163, 75.1046



71.1271, 78.9163, 97.9074



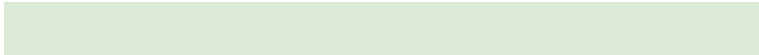
79.0820, 78.9163, 97.7409



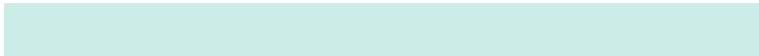
79.0267, 78.9163, 74.9651

Rectangle

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



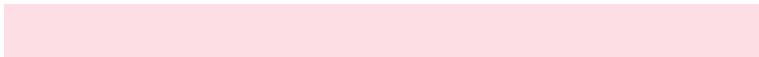
71.0756, 78.9163, 75.1046



69.5473, 78.9163, 87.4464



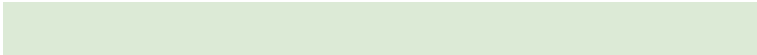
79.0820, 78.9163, 97.7409



80.7464, 78.9163, 84.4241

Sweetspot

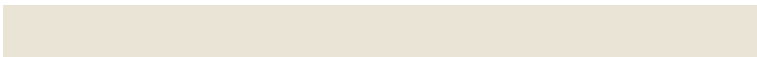
The Sweet Spot groups the original color and five complimentary colors.



71.0778, 78.9197, 75.1063



91.8996, 98.5154, 102.4509



73.8159, 77.8376, 74.7531



19.4938, 21.0031, 21.5691



0.0000, 0.0000, 0.0000



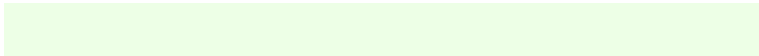
20.3446, 21.4041, 23.3091

Same Dimension

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



71.0778, 78.9197, 75.1063



84.9473, 95.2351, 88.4003



69.8116, 78.2072, 77.7474



15.2930, 17.0811, 16.0097



18.0716, 33.8607, 5.5833



1.5130, 2.7073, 0.4428

Inverse Universe

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



70.8958, 70.5298, 87.7230



84.6899, 83.3739, 106.2369



72.2641, 71.3008, 84.8201



15.2495, 15.0739, 19.0281



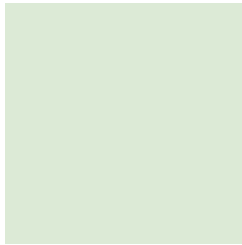
17.0607, 7.8310, 44.3553



1.4360, 0.6646, 3.4875

Previews

White Background



This preview shows how the XYZ color 71.0756, 78.9163, 75.1046 looks on a white background.

Color Contrast Check

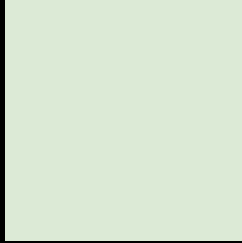
Large Text (above 18pt) WCAG AA × Fail

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 71.0756, 78.9163, 75.1046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

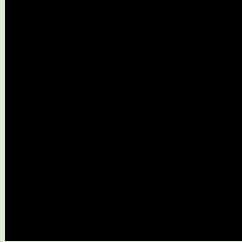
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

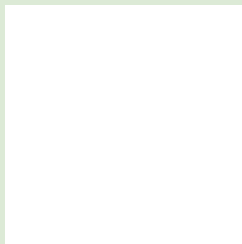
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0756, 78.9163, 75.1046

Background



This preview shows how black text looks on a background with the XYZ color 71.0756, 78.9163, 75.1046.



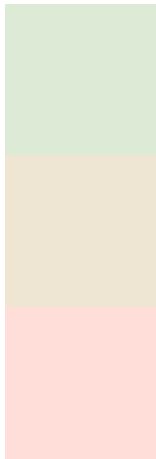
This preview shows how white text looks on a background with the XYZ color 71.0756, 78.9163,

75.1046.

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

71.0756, 78.9163, 75.1046

Protanopia

75.0371, 78.9189, 72.9060

Deuteranopia

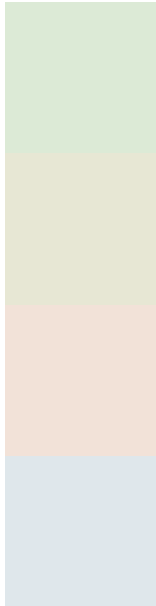
79.8857, 78.5123, 76.5896



Tritanopia

75.8591, 78.7616, 99.2000

Trichromacy



Original Color

71.0756, 78.9163, 75.1046

Protanomaly

73.4146, 78.8942, 73.6461

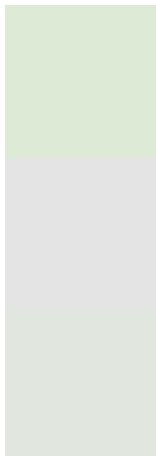
Deuteranomaly

76.2090, 78.2278, 76.0486

Tritanomaly

74.0027, 78.8380, 89.9141

Monochromacy



Original Color

71.0756, 78.9163, 75.1046

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.6674, 77.9289, 81.0238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0756, 78.9163, 75.1046 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(220, 234, 214)` looks like.

```
.text, #text, p{  
    color:rgb(220, 234, 214)  
}
```

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(220, 234, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 234, 214) }
```

Border

The CSS property to change the border of an element to XYZ 71.0756, 78.9163, 75.1046 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(220, 234, 214) }
```


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

```
.border{ border-color:rgb(220, 234, 214) }
```

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

Here you see how a box with a 4 pixel rgb(220, 234, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 234, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 234, 214);  
box-shadow:4px 4px 4px 4px rgb(220, 234,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0756, 78.9163, 75.1046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 234, 214) }
```

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

```
.background{ background-color: rgb(220,  
234, 214) }
```

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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