

Converting Colors

XYZ(71.9436, 78.8563, 82.1233)

Have a look what the booklet for
XYZ(71.9436, 78.8563, 82.1233)
contains.

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Color

**XYZ(71.8069, 78.7197,
81.9308)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE9E0
RGB	219, 233, 224
RGB Percent	86%, 91%, 88%
CMY	0.1412, 0.0863, 0.1216
CMYK	0.06, 0.00, 0.04, 0.09
HSL	141°, 24%, 89%
HSV	141°, 6%, 91%
XYZ	71.8069, 78.7197, 81.9308
YIQ	227.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

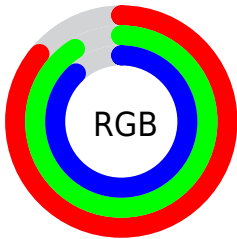
Format	Color
R_{YB}	219, 229, 233
Decimal	14412256
CIE _{Lab}	91.11, -6.28, 2.76
CIE _{LCh}	91, 6.862, 156.313
Yxy	78.7197, 0.3089, 0.3386
Android (android.graphics.Color)	4292602336 (0xFFDBE9E0)
YUV	227.7880, -1.8675, -7.7071
Hunter-Lab	88.7241, -10.8022, 7.3565

Details

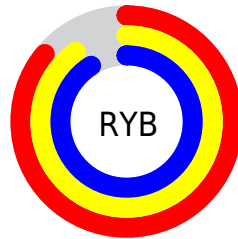
The XYZ color **71.8069, 78.7197, 81.9308** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.9423, 73.5902, 83.7625**, and the grayscale version is **73.6058, 77.4391, 84.3311**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.1934, 42.2014, 43.6688** is the 20% darker color. If you saturate the color by 10%, you get **63.3389, 74.5810, 71.3922**, and if you desaturate by 10%, it is **81.4396, 83.4426, 93.4617**.

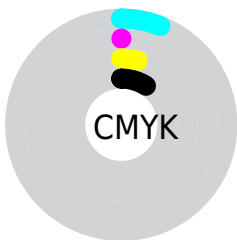
Distribution



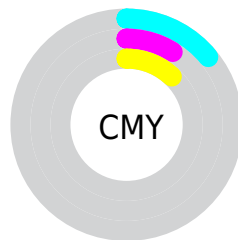
- Red (86%)
- Green (91%)
- Blue (88%)



- Red (86%)
- Yellow (90%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (14%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8069, 78.7197, 81.9308 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 71.8069, 78.7197, 81.9308 by changing the saturation by 10% instead.

71.8069, 78.7197,
81.9308

71.8069, 78.7197,
81.9308

456.0373,
490.6076, 521.2936

53.2858, 58.6654,
60.7730

120.7942,
131.5642, 137.9128

38.2594, 42.3438,
43.6126

151.9912,
165.1231, 173.5740

26.3622, 29.3706,
30.0311

188.1443,
203.9524, 214.9069

17.2289, 19.3613,
19.6100

229.6187,
248.4364, 262.3298

10.4941, 11.9317,
11.9306

276.7798,
298.9595, 316.2614

5.7926, 6.6972,
6.5745

329.9931,

2.7588, 3.2734,

355.9062, 377.1202

3.1231

389.6238,
419.6607, 445.3248

■ 1.0275, 1.2761,
1.1578

■ 0.0000, 0.1226,
0.0000

■ 71.8069, 78.7197,
81.9308

■ 71.8069, 78.7197,
81.9308

■ 63.3389, 74.5810,
71.3922

■ 81.4396, 83.4426,
93.4617

■ 55.9838, 70.9937,
61.8147

■ 88.2640, 86.6943,
105.8172

■ 49.6957, 67.9368,
53.1727

■ 88.4304, 86.7608,
106.6935

■ 44.4229, 65.3843,
45.4377

■ 40.1091, 63.3078,
38.5798

■ 36.6925, 61.6761,
32.5672

■ 34.1034, 60.4538,
27.3663

■ 32.2613, 59.6001,
22.9411

■ 31.0672, 59.0650,
19.2524

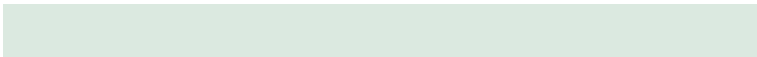
Harmonies

Analogous

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



72.8623, 78.7197, 78.2413



71.8069, 78.7197, 81.9308



71.5534, 78.7197, 86.7673

Triad

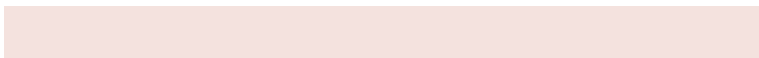
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8069, 78.7197, 81.9308



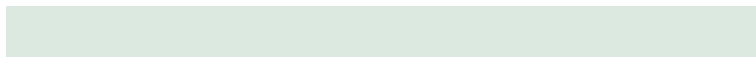
75.1882, 78.7197, 95.5644



77.5414, 78.7197, 80.1776

Complementary

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



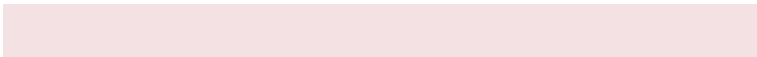
71.8069, 78.7197, 81.9308



72.9423, 73.5902, 83.7625

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.



78.1860, 78.7197, 84.6660



71.8069, 78.7197, 81.9308



76.8139, 78.7197, 93.6445

Square

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



71.8069, 78.7197, 81.9308



73.4884, 78.7197, 94.7634



77.9177, 78.7197, 89.6085



76.1691, 78.7197, 77.2568

Rectangle

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



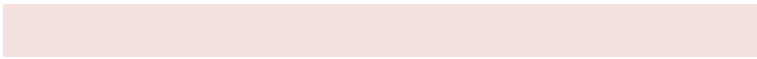
71.8069, 78.7197, 81.9308



71.8698, 78.7197, 90.0179



77.9177, 78.7197, 89.6085



77.8513, 78.7197, 81.5463

Sweetspot

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



71.8091, 78.7231, 81.9325



92.6750, 98.8361, 106.0566



73.9547, 79.9064, 78.5447



19.8612, 21.1672, 22.7304



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.



71.8091, 78.7231, 81.9325



86.9920, 96.0531, 99.1641



72.7647, 79.1053, 86.9645



15.4544, 17.1291, 17.6077



17.4779, 33.4456, 10.4816



1.4169, 2.6441, 1.0572

Inverse Universe

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



72.9423, 73.5902, 83.7625



88.6083, 88.7315, 101.7743



72.0027, 73.2144, 78.8149



15.7646, 15.7239, 18.1086



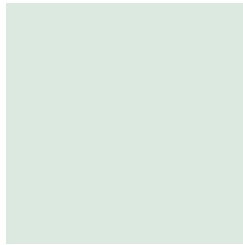
22.2439, 11.1002, 17.6173



1.7923, 0.8899, 1.6234

Previews

White Background



This preview shows how the XYZ color 71.8069, 78.7197, 81.9308 looks on a white background.

Color Contrast Check

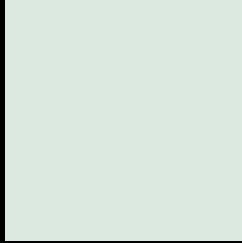
Large Text (above 18pt) WCAG AA × Fail

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 71.8069, 78.7197, 81.9308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

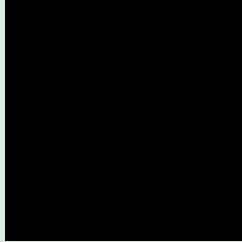
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

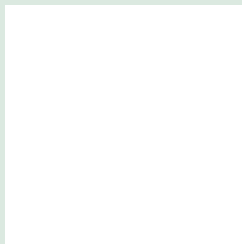
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.8069, 78.7197, 81.9308

Background



This preview shows how black text looks on a background with the XYZ color 71.8069, 78.7197, 81.9308.



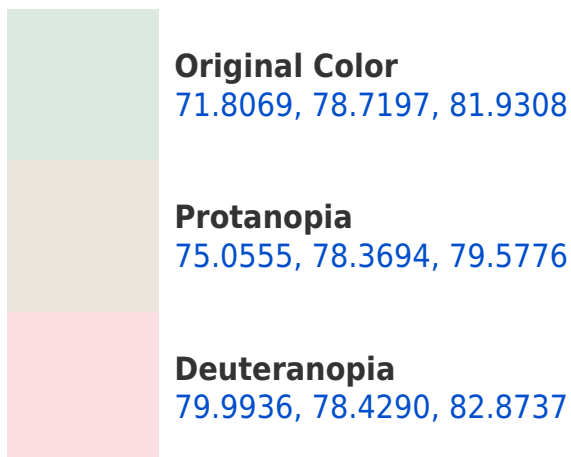
This preview shows how white text looks on a background with the XYZ color 71.8069, 78.7197,

81.9308.

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

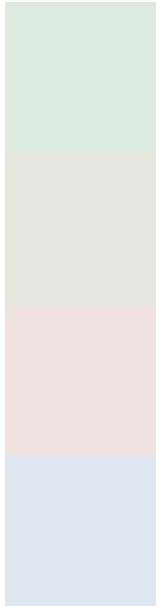




Tritanopia

75.3940, 78.5039, 99.9860

Trichromacy



Original Color

71.8069, 78.7197, 81.9308

Protanomaly

73.7947, 78.5256, 80.3748

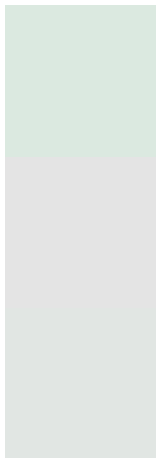
Deuteranomaly

76.7221, 78.3542, 82.3143

Tritanomaly

74.0010, 78.3552, 92.8852

Monochromacy



Original Color

71.8069, 78.7197, 81.9308

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.2133, 78.1472, 83.8982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8069, 78.7197, 81.9308 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(219, 233, 224) looks like.

```
.text, #text, p{  
    color:rgb(219, 233, 224)  
}
```

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(219, 233, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 233, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.8069, 78.7197, 81.9308 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(219, 233, 224) }
```


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

```
.border{ border-color:rgb(219, 233, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 233, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 233, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 233, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 233,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8069, 78.7197, 81.9308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 233, 224) }
```

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

```
.background{ background-color: rgb(219,  
233, 224) }
```

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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