

Converting Colors

XYZ(71.2568, 76.7208, 84.0623)

Have a look what the booklet for
XYZ(71.2568, 76.7208, 84.0623)
contains.

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Color

**XYZ(71.0979, 76.6447,
83.7197)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE5E3
RGB	219, 229, 227
RGB Percent	86%, 90%, 89%
CMY	0.1412, 0.1019, 0.1098
CMYK	0.04, 0.00, 0.01, 0.10
HSL	168°, 16%, 88%
HSV	168°, 4%, 90%
XYZ	71.0979, 76.6447, 83.7197
YIQ	225.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

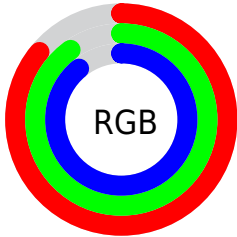
Format	Color
R _{YB}	219, 225, 229
Decimal	14411235
CIE Lab	90.16, -3.70, -0.19
CIE LCh	90, 3.700, 183.017
Yxy	76.6447, 0.3072, 0.3311
Android (android.graphics.Color)	4292601315 (0xFFDBE5E3)
YUV	225.7820, 0.6005, -5.9478
Hunter-Lab	87.5470, -8.2453, 4.5848

Details

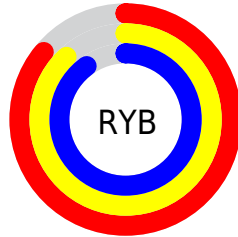
The XYZ color **71.0979, 76.6447, 83.7197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6986, 72.5436, 78.6865**, and the grayscale version is **72.1317, 75.8881, 82.6422**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8923, 41.1432, 44.9740** is the 20% darker color. If you saturate the color by 10%, you get **64.0526, 73.0870, 80.1305**, and if you desaturate by 10%, it is **79.1122, 80.7043, 87.4455**.

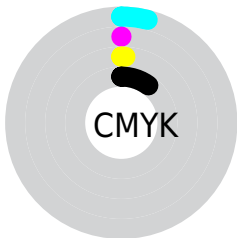
Distribution



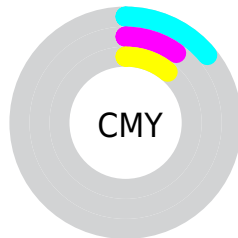
- Red (86%)
- Green (90%)
- Blue (89%)



- Red (86%)
- Yellow (88%)
- Blue (90%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.0979, 76.6447, 83.7197 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 71.0979, 76.6447, 83.7197 by changing the saturation by 10% instead.

■ 71.0979, 76.6447,
83.7197

■ 71.0979, 76.6447,
83.7197

453.6021,
483.5518, 527.4157

■ 52.7049, 56.9613,
62.2400

119.7909,
128.6378, 140.4412

■ 37.7938, 40.9742,
44.7896

150.8216,
161.7163, 176.5202

■ 25.9992, 28.2989,
30.9500

186.7955,
200.0287, 218.3025

■ 16.9557, 18.5511,
20.3026

228.0782,
243.9593, 266.2070

■ 10.2980, 11.3464,
12.4290

275.0348,
293.8925, 320.6519

■ 5.6608, 6.3003,
6.9105

328.0307,

■ 2.6786, 3.0285,

350.2127, 382.0560

3.3286

387.4314,
413.3043, 450.8378

■ 0.9862, 1.1467,
1.2648

■ 0.0000, 0.0175,
0.0326

■ 71.0979, 76.6447,
83.7197

■ 71.0979, 76.6447,
83.7197

■ 64.0526, 73.0870,
80.1305

■ 79.1122, 80.7043,
87.4455

■ 57.9312, 70.0016,
76.6703

■ 84.4265, 83.3678,
91.1320

■ 52.6947, 67.3704,
73.3382

■ 85.1023, 83.6381,
94.6909

■ 48.2988, 65.1706,
70.1315

■ 85.7954, 83.9153,
98.3405

■ 44.6951, 63.3774,
67.0472

■ 86.5058, 84.1995,
102.0817

■ 41.8305, 61.9633,
64.0820

■ 87.2338, 84.4907,
105.9150

■ 39.6450, 60.8975,
61.2325

■ 87.3107, 84.5215,
106.3202

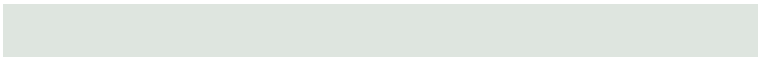
■ 38.0693, 60.1441,
58.4947

■ 37.0186, 59.6596,
55.8639

Harmonies

Analogous

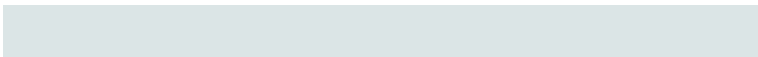
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2849, 76.6447, 81.1776



71.0979, 76.6447, 83.7197



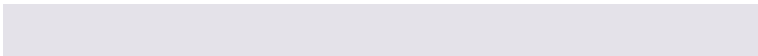
71.3767, 76.6447, 86.2413

Triad

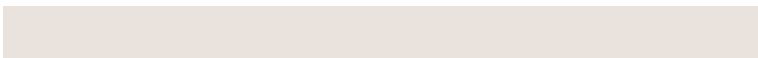
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0979, 76.6447, 83.7197



73.8157, 76.6447, 87.7693



73.6533, 76.6447, 79.0235

Complementary

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



71.0979, 76.6447, 83.7197



70.6986, 72.5436, 78.6865

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.



74.3404, 76.6447, 80.7255



71.0979, 76.6447, 83.7197



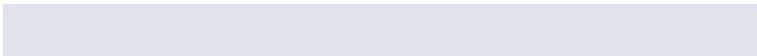
74.4347, 76.6447, 85.7706

Square

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



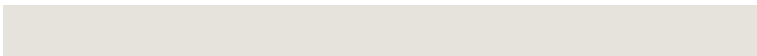
71.0979, 76.6447, 83.7197



72.9415, 76.6447, 88.6100



74.6276, 76.6447, 83.1870



72.7555, 76.6447, 78.5001

Rectangle

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



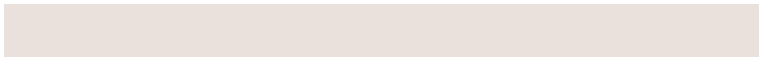
71.0979, 76.6447, 83.7197



71.7905, 76.6447, 87.5617



74.6276, 76.6447, 83.1870



73.9168, 76.6447, 79.4750

Sweetspot

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



71.1001, 76.6480, 83.7214



94.0359, 99.4867, 108.4239



70.6775, 76.5548, 78.0706



20.1382, 21.2997, 23.2122



0.0000, 0.0000, 0.0000



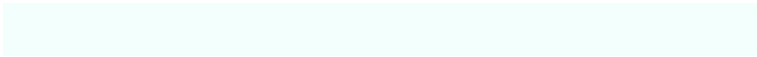
20.3446, 21.4041, 23.3091

Same Dimension

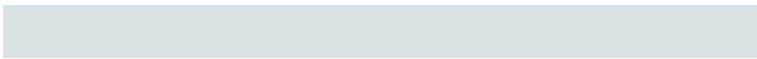
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.1001, 76.6480, 83.7214



90.1053, 97.4981, 106.5367



70.6004, 75.2035, 84.9272



15.2718, 16.5848, 18.1288



20.9590, 34.0157, 31.3481



1.5803, 2.5263, 2.4826

Inverse Universe

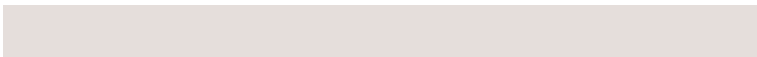
The Inverse Universe completely reimagines the original color for something new.



70.6986, 72.5436, 78.6865



89.5181, 91.4938, 99.1711



71.1789, 73.9290, 77.5373



15.1592, 15.4340, 16.7170



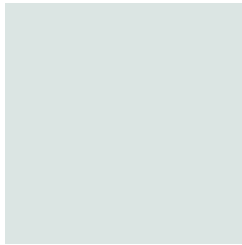
18.7897, 9.6501, 2.5215



1.4212, 0.7262, 0.3586

Previews

White Background



This preview shows how the XYZ color 71.0979, 76.6447, 83.7197 looks on a white background.

Color Contrast Check

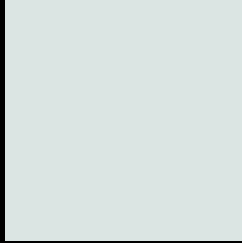
Large Text (above 18pt) WCAG AA × Fail

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 71.0979, 76.6447, 83.7197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

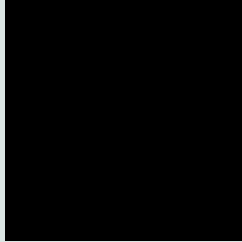
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

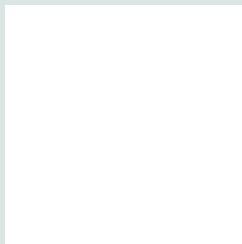
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.0979, 76.6447, 83.7197

Background



This preview shows how black text looks on a background with the XYZ color 71.0979, 76.6447, 83.7197.

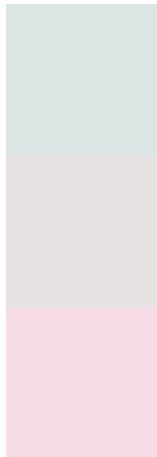


This preview shows how white text looks on a background with the XYZ color 71.0979, 76.6447,

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

71.0979, 76.6447, 83.7197

Protanopia

73.7420, 76.8179, 82.1749

Deuteranopia

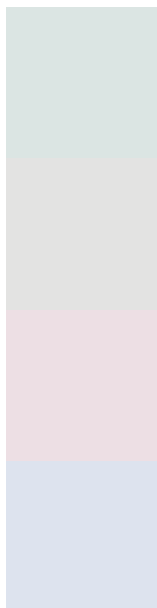
77.8321, 76.0943, 84.7142



Tritanopia

73.6497, 76.4540, 96.4633

Trichromacy



Original Color

71.0979, 76.6447, 83.7197

Protanomaly

72.8751, 76.7601, 82.9267

Deuteranomaly

75.3163, 76.3813, 84.1723

Tritanomaly

72.7205, 76.4834, 91.8189

Monochromacy



Original Color

71.0979, 76.6447, 83.7197

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

71.6280, 76.1171, 82.8684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0979, 76.6447, 83.7197 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, 229, 227) looks like.

```
.text, #text, p{  
    color:rgb(219, 229, 227)  
}
```

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, 229, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 229, 227) }
```

Border

The CSS property to change the border of an element to XYZ 71.0979, 76.6447, 83.7197 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, 229, 227) }
```


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

```
.border{ border-color:rgb(219, 229, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 229, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 229, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 229, 227); box-shadow:4px 4px 4px 4px rgb(219, 229, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0979, 76.6447, 83.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 229, 227) }
```

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

```
.background{ background-color: rgb(219,  
229, 227) }
```

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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