

Converting Colors

XYZ(69.4577, 74.3726, 80.7886)

Have a look what the booklet for
XYZ(69.4577, 74.3726, 80.7886)
contains.

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Color

**XYZ(69.4579, 74.2382,
80.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE1DF
RGB	219, 225, 223
RGB Percent	86%, 88%, 87%
CMY	0.1412, 0.1176, 0.1255
CMYK	0.03, 0.00, 0.01, 0.12
HSL	160°, 9%, 87%
HSV	160°, 3%, 88%
XYZ	69.4579, 74.2382, 80.4806
YIQ	222.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

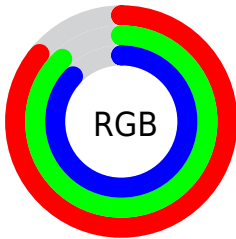
Format	Color
R _Y B	219, 223, 225
Decimal	14410207
CIE Lab	89.03, -2.37, 0.26
CIE LCh	89, 2.387, 173.664
Yxy	74.2382, 0.3098, 0.3312
Android (android.graphics.Color)	4292600287 (0xFFDBE1DF)
YUV	222.9780, 0.0108, -3.4887
Hunter-Lab	86.1616, -6.8876, 4.9324

Details

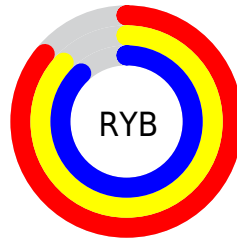
The XYZ color **69.4579, 74.2382, 80.4806** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4367, 71.8930, 78.6273**, and the grayscale version is **70.1268, 73.7789, 80.3452**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7525, 39.4691, 42.7270** is the 20% darker color. If you saturate the color by 10%, you get **62.1512, 70.5880, 74.9712**, and if you desaturate by 10%, it is **77.7287, 78.3844, 86.2726**.

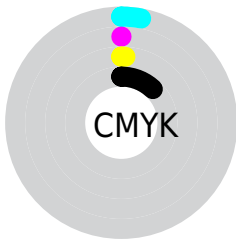
Distribution



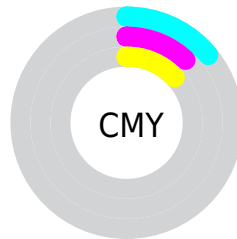
- Red (86%)
- Green (88%)
- Blue (87%)



- Red (86%)
- Yellow (87%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.4579, 74.2382, 80.4806 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 69.4579, 74.2382, 80.4806 by changing the saturation by 10% instead.

■ 69.4579, 74.2382,
80.4806

■ 69.4579, 74.2382,
80.4806

447.9405,
475.2951, 516.3004

■ 51.3627, 54.9890,
59.5854

117.4658,
125.2334, 135.8587

■ 36.7196, 39.3929,
42.6615

148.1093,
157.7482, 171.1787

■ 25.1631, 27.0655,
29.2901

183.6663,
195.4537, 212.1441

■ 16.3280, 17.6225,
19.0530

224.5020,
238.7343, 259.1734

■ 9.8489, 10.6793,
11.5313

270.9820,
287.9743, 312.6852

■ 5.3604, 5.8516,
6.3068

323.4715,

■ 2.4971, 2.7551,

343.5582, 373.0979

2.9607

382.3358,
405.8703, 440.8301

■ 0.8938, 1.0052,
1.0746

■ 0.0000, 0.0000,
0.0000

■ 69.4579, 74.2382,
80.4806

■ 69.4579, 74.2382,
80.4806

■ 62.1512, 70.5880,
74.9712

■ 77.7287, 78.3844,
86.2726

■ 55.7653, 67.4052,
69.7348

■ 83.6022, 81.2875,
92.1883

■ 50.2629, 64.6728,
64.7681

■ 84.7291, 81.7382,
98.1221

■ 45.6014, 62.3690,
60.0660

■ 85.9025, 82.2076,
104.3012

■ 41.7350, 60.4701,
55.6232

■ 86.2166, 82.3333,
105.9555

■ 38.6130, 58.9502,
51.4341

■ 36.1789, 57.7801,
47.4926

■ 34.3675, 56.9263,
43.7924

■ 33.1004, 56.3485,
40.3261

Harmonies

Analogous

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



69.6661, 74.2382, 78.9539



69.4579, 74.2382, 80.4806



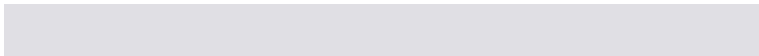
69.5440, 74.2382, 82.1223

Triad

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



69.4579, 74.2382, 80.4806



71.0100, 74.2382, 83.7954



71.2244, 74.2382, 78.2856

Complementary

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



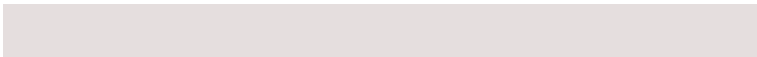
69.4579, 74.2382, 80.4806



69.4367, 71.8930, 78.6273

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.



71.5882, 74.2382, 79.5568



69.4579, 74.2382, 80.4806



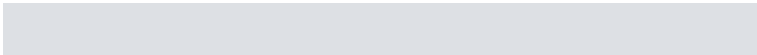
71.4639, 74.2382, 82.7412

Square

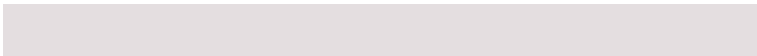
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



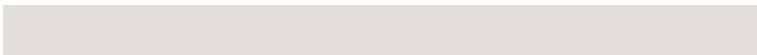
69.4579, 74.2382, 80.4806



70.4381, 74.2382, 84.0509



71.6761, 74.2382, 81.1860



70.6844, 74.2382, 77.6979

Rectangle

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



69.4579, 74.2382, 80.4806



69.7570, 74.2382, 83.0594



71.6761, 74.2382, 81.1860



71.3715, 74.2382, 78.6463

Sweetspot

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



69.4600, 74.2414, 80.4822



93.9813, 99.4649, 108.1363



69.5631, 74.3561, 77.7047



20.1271, 21.2952, 23.1537



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

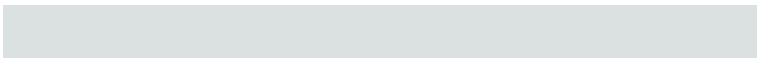
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4600, 74.2414, 80.4822



91.8829, 98.4145, 106.6203



69.4890, 73.8644, 81.8327



14.8185, 15.9438, 17.2495



18.7398, 32.3208, 22.1509



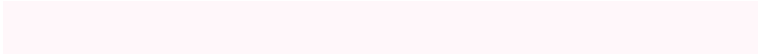
1.3400, 2.2567, 1.7515

Inverse Universe

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



69.4367, 71.8930, 78.6273



91.8480, 94.8919, 103.8379



69.4069, 72.2580, 77.3079



14.8114, 15.2310, 16.6865



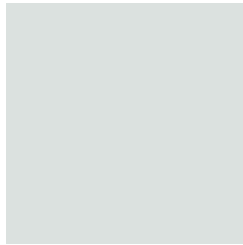
18.6754, 9.5372, 4.9565



1.3351, 0.6773, 0.5573

Previews

White Background



This preview shows how the XYZ color 69.4579, 74.2382, 80.4806 looks on a white background.

Color Contrast Check

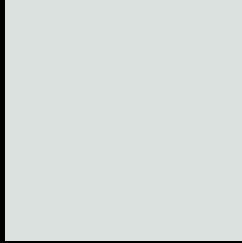
Large Text (above 18pt) WCAG AA × Fail

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 69.4579, 74.2382, 80.4806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

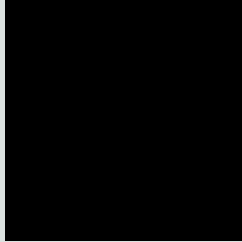
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

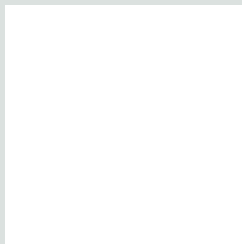
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.4579, 74.2382, 80.4806

Background



This preview shows how black text looks on a background with the XYZ color 69.4579, 74.2382, 80.4806.

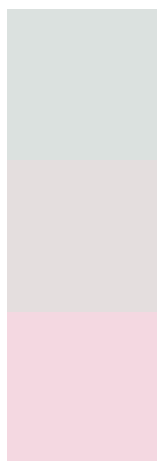


This preview shows how white text looks on a background with the XYZ color 69.4579, 74.2382,

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

69.4579, 74.2382, 80.4806

Protanopia

71.3010, 74.0105, 79.6347

Deuteranopia

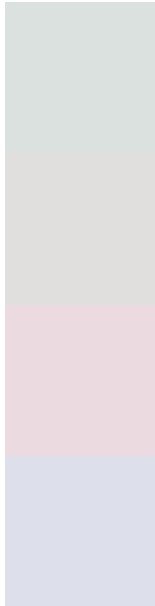
75.4547, 73.7811, 81.4984



Tritanopia

71.9737, 74.0634, 92.9403

Trichromacy



Original Color

69.4579, 74.2382, 80.4806

Protanomaly

70.6238, 74.0568, 79.6794

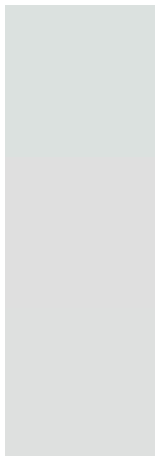
Deuteranomaly

73.0470, 73.7070, 80.8979

Tritanomaly

71.0578, 74.0880, 88.3972

Monochromacy



Original Color

69.4579, 74.2382, 80.4806

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.0991, 74.1686, 80.4334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4579, 74.2382, 80.4806 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, 225, 223) looks like.

```
.text, #text, p{  
    color:rgb(219, 225, 223)  
}
```

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, 225, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 225, 223) }
```

Border

The CSS property to change the border of an element to XYZ 69.4579, 74.2382, 80.4806 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, 225, 223) }
```


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

```
.border{ border-color:rgb(219, 225, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 225, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 225, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 225, 223);  
box-shadow:4px 4px 4px 4px rgb(219, 225,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4579, 74.2382, 80.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 225, 223) }
```

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

```
.background{ background-color: rgb(219,  
225, 223) }
```

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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