

Converting Colors

XYZ(72.5583, 79.5676, 80.3623)

Have a look what the booklet for
XYZ(72.5583, 79.5676, 80.3623)
contains.

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Color

**XYZ(72.7318, 79.6492,
80.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	DEEADE
RGB	222, 234, 222
RGB Percent	87%, 92%, 87%
CMY	0.1294, 0.0823, 0.1294
CMYK	0.05, 0.00, 0.05, 0.08
HSL	120°, 22%, 89%
HSV	120°, 5%, 92%
XYZ	72.7318, 79.6492, 80.6477
YIQ	229.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

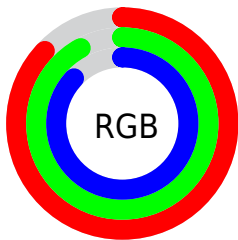
Format	Color
R _Y B	222, 234, 234
Decimal	14609118
CIE Lab	91.53, -6.15, 4.44
CIE LCh	92, 7.580, 144.188
Yxy	79.6492, 0.3121, 0.3418
Android (android.graphics.Color)	4292799198 (0xFFDEEAD E)
YUV	229.0440, -3.4727, -6.1776
Hunter-Lab	89.2464, -10.7117, 8.8949

Details

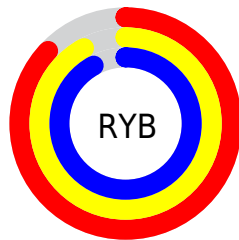
The XYZ color **72.7318, 79.6492, 80.6477** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.9071, 75.6774, 88.5049**, and the grayscale version is **74.5369, 78.4187, 85.3979**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8318, 42.8463, 42.7827** is the 20% darker color. If you saturate the color by 10%, you get **63.1344, 75.0414, 64.9478**, and if you desaturate by 10%, it is **83.7637, 84.9507, 98.6901**.

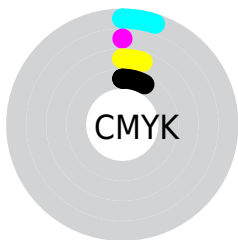
Distribution



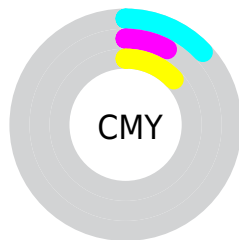
- Red (87%)
- Green (92%)
- Blue (87%)



- Red (87%)
- Yellow (92%)
- Blue (92%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (13%)
- Magenta (8%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7318, 79.6492, 80.6477 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 72.7318, 79.6492, 80.6477 by changing the saturation by 10% instead.

■ 72.7318, 79.6492,
80.6477

■ 72.7318, 79.6492,
80.6477

459.2029,
493.7498, 516.8772

■ 54.0443, 59.4297,
59.7222

122.1016,
132.8724, 136.0956

■ 38.8679, 42.9591,
42.7709

153.5145,
166.6449, 171.4551

■ 26.8372, 29.8531,
29.3753

189.9000,
205.7039, 212.4629

■ 17.5870, 19.7271,
19.1169

231.6234,
250.4338, 259.5377

■ 10.7517, 12.1968,
11.5771

279.0501,
301.2189, 313.0980

■ 5.9662, 6.8779,
6.3374

332.5453,

■ 2.8650, 3.3858,

358.4437, 373.5623

2.9792

392.4745,
422.4925, 441.3492

■ 1.0828, 1.3363,
1.0840

■ 0.0106, 0.1691,
0.0000

■ 72.7318, 79.6492,
80.6477

■ 72.7318, 79.6492,
80.6477

■ 63.1344, 75.0414,
64.9478

■ 83.7637, 84.9507,
98.6901

■ 54.9063, 71.0890,
51.4895

■ 88.7144, 87.3288,
106.7881

■ 47.9872, 67.7654,
40.1721

■ 42.3095, 65.0382,
30.8852

■ 37.7999, 62.8720,
23.5088

■ 34.3772, 61.2279,
17.9102

■ 31.9498, 60.0618,
13.9395

■ 30.4111, 59.3228,
11.4226

■ 29.6305, 58.9478,
10.1454

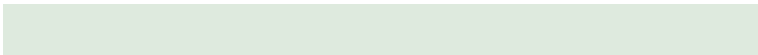
Harmonies

Analogous

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



74.1925, 79.6492, 77.3780



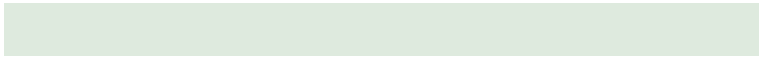
72.7318, 79.6492, 80.6477



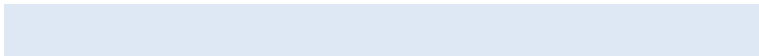
72.0687, 79.6492, 85.6516

Triad

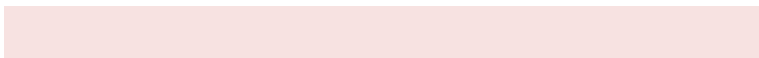
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7318, 79.6492, 80.6477



75.3286, 79.6492, 97.7438



79.1433, 79.6492, 82.4385

Complementary

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



72.7318, 79.6492, 80.6477



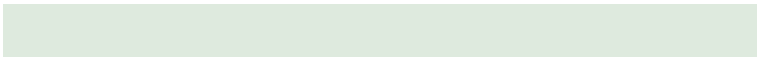
74.9071, 75.6774, 88.5049

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.



79.4599, 79.6492, 87.8062



72.7318, 79.6492, 80.6477



77.2363, 79.6492, 96.7947

Square

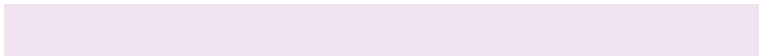
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.7318, 79.6492, 80.6477



73.5515, 79.6492, 95.6402



78.7564, 79.6492, 93.0990



77.8984, 79.6492, 78.3807

Rectangle

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



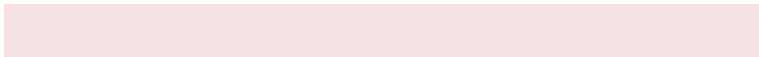
72.7318, 79.6492, 80.6477



72.1599, 79.6492, 89.3580



78.7564, 79.6492, 93.0990



79.3627, 79.6492, 84.1432

Sweetspot

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



72.7340, 79.6526, 80.6494



92.3882, 98.7214, 104.5462



76.5429, 81.6162, 80.8273



19.8027, 21.1438, 22.4228



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.



72.7340, 79.6526, 80.6494



87.2771, 96.2663, 96.1864



73.5530, 79.9802, 84.9623



15.4791, 17.1555, 16.9887



16.5341, 33.0681, 5.5116



1.2983, 2.5966, 0.4328

Inverse Universe

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



74.9071, 75.6774, 88.5049



90.3617, 90.6236, 107.3367



74.0592, 75.3382, 84.0396



16.0832, 16.0504, 19.1725



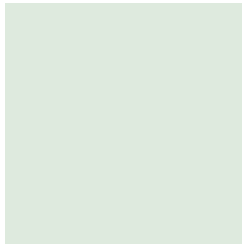
27.4126, 13.1677, 44.8358



2.1526, 1.0340, 3.5207

Previews

White Background



This preview shows how the XYZ color 72.7318, 79.6492, 80.6477 looks on a white background.

Color Contrast Check

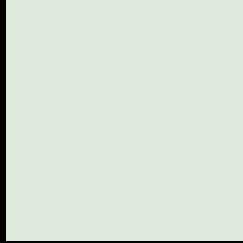
Large Text (above 18pt) WCAG AA × Fail

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 72.7318, 79.6492, 80.6477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

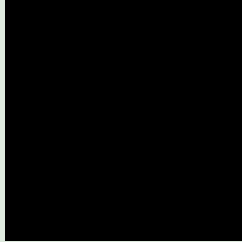
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

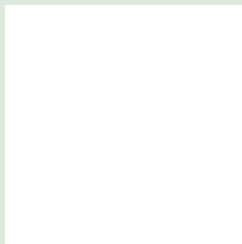
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7318, 79.6492, 80.6477

Background



This preview shows how black text looks on a background with the XYZ color 72.7318, 79.6492, 80.6477.



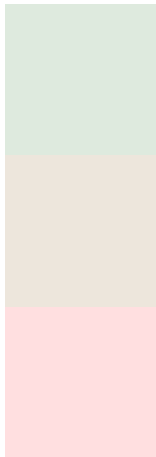
This preview shows how white text looks on a background with the XYZ color 72.7318, 79.6492,

80.6477.

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

72.7318, 79.6492, 80.6477

Protanopia

76.1401, 79.7655, 79.0934

Deuteranopia

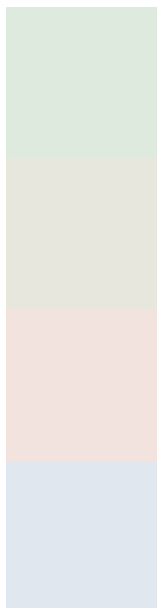
81.0822, 79.4172, 81.5766



Tritanopia

76.6041, 79.5397, 100.1222

Trichromacy



Original Color

72.7318, 79.6492, 80.6477

Protanomaly

74.9058, 79.5281, 79.8091

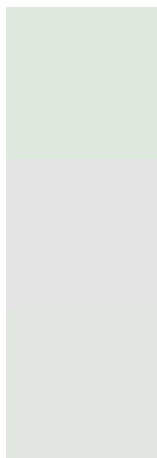
Deuteranomaly

77.7505, 79.3206, 81.0245

Tritanomaly

75.2072, 79.3914, 93.0216

Monochromacy



Original Color

72.7318, 79.6492, 80.6477

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.6674, 78.8116, 83.2810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7318, 79.6492, 80.6477 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(222, 234, 222) looks like.

```
.text, #text, p{  
    color:rgb(222, 234, 222)  
}
```

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(222, 234, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 234, 222) }
```

Border

The CSS property to change the border of an element to XYZ 72.7318, 79.6492, 80.6477 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(222, 234, 222) }
```


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

```
.border{ border-color:rgb(222, 234, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 234, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 234, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 234, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 234,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7318, 79.6492, 80.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 234, 222) }
```

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

```
.background{ background-color: rgb(222,  
234, 222) }
```

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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