

Converting Colors

XYZ(68.2250, 74.1689, 79.0489)

Have a look what the booklet for
XYZ(68.2250, 74.1689, 79.0489)
contains.

XYZ(68.2718, 74.0602, 79.1034)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.2718, 74.0602,
79.1034)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E2DD
RGB	215, 226, 221
RGB Percent	84%, 89%, 87%
CMY	0.1569, 0.1137, 0.1333
CMYK	0.05, 0.00, 0.02, 0.11
HSL	153°, 16%, 86%
HSV	153°, 5%, 89%
XYZ	68.2718, 74.0602, 79.1034
YIQ	222.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

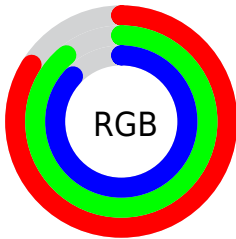
Format	Color
RYB	215, 222, 226
Decimal	14148317
CIELab	88.95, -4.59, 1.16
CIElCh	89, 4.732, 165.859
Yxy	74.0602, 0.3083, 0.3345
Android (android.graphics.Color)	4292338397 (0xFFD7E2DD)
YUV	222.1410, -0.5625, -6.2627
Hunter-Lab	86.0582, -8.9941, 5.7423

Details

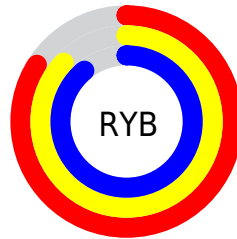
The XYZ color **68.2718, 74.0602, 79.1034** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5854, 69.9388, 77.5983**, and the grayscale version is **69.5388, 73.1603, 79.6715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9430, 39.3526, 41.7778** is the 20% darker color. If you saturate the color by 10%, you get **60.7611, 70.3438, 71.8227**, and if you desaturate by 10%, it is **76.7873, 78.2891, 86.8718**.

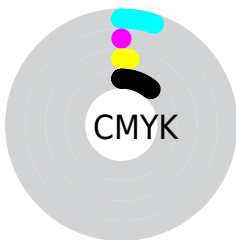
Distribution



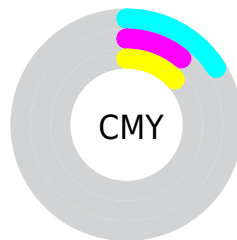
- Red (84%)
- Green (89%)
- Blue (87%)



- Red (84%)
- Yellow (87%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2718, 74.0602, 79.1034 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 68.2718, 74.0602, 79.1034 by changing the saturation by 10% instead.

■ 68.2718, 74.0602,
79.1034

■ 68.2718, 74.0602,
79.1034

443.8201,
474.6811, 511.5329

■ 50.3934, 54.8433,
58.4590

115.7807,
124.9811, 133.9044

■ 35.9451, 39.2763,
41.7606

146.1418,
157.4540, 168.8981

■ 24.5617, 26.9747,
28.5897

181.3946,
195.1143, 209.5120

■ 15.8778, 17.5542,
18.5278

221.9043,
238.3464, 256.1646

■ 9.5280, 10.6304,
11.1562

268.0364,
287.5347, 309.2744

■ 5.1470, 5.8189,
6.0565

320.1561,

■ 2.3694, 2.7353,

343.0637, 369.2601

2.8101

378.6289,
405.3177, 436.5401

■ 0.8298, 0.9951,
0.9985

■ 0.0000, 0.0000,
0.0000

■ 68.2718, 74.0602,
79.1034

■ 68.2718, 74.0602,
79.1034

■ 60.7611, 70.3438,
71.8227

■ 76.7873, 78.2891,
86.8718

■ 54.2100, 67.1105,
65.0152

■ 84.3980, 82.0396,
95.0414

■ 48.5793, 64.3423,
58.6725

■ 85.9818, 82.6731,
103.3814

■ 43.8244, 62.0164,
52.7845

■ 86.4878, 82.8755,
106.0459

■ 39.8968, 60.1081,
47.3404

■ 36.7432, 58.5900,
42.3290

■ 34.3036, 57.4314,
37.7384

■ 32.5087, 56.5969,
33.5560

■ 31.2739, 56.0428,
29.7682

Harmonies

Analogous

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



68.8188, 74.0602, 76.3133



68.2718, 74.0602, 79.1034



68.2886, 74.0602, 82.3800

Triad

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



68.2718, 74.0602, 79.1034



70.9973, 74.0602, 86.8783



71.9415, 74.0602, 76.1840

Complementary

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



68.2718, 74.0602, 79.1034



68.5854, 69.9388, 77.5983

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.



72.5382, 74.0602, 78.9226



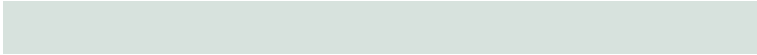
68.2718, 74.0602, 79.1034



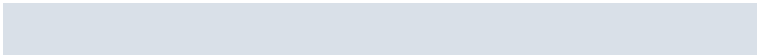
71.9890, 74.0602, 85.1251

Square

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



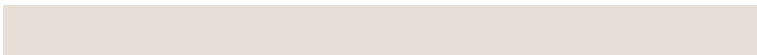
68.2718, 74.0602, 79.1034



69.8538, 74.0602, 86.9299



72.5556, 74.0602, 82.1943



70.9330, 74.0602, 74.6591

Rectangle

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



68.2718, 74.0602, 79.1034



68.6170, 74.0602, 84.4016



72.5556, 74.0602, 82.1943



72.1973, 74.0602, 76.9898

Sweetspot

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



68.2739, 74.0634, 79.1050



93.9319, 99.4451, 107.8761



69.0202, 74.5388, 75.0407



20.1171, 21.2912, 23.1008



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.



68.2739, 74.0634, 79.1050



88.5434, 96.7728, 102.8542



68.8511, 74.1348, 82.6358



14.3058, 15.6925, 16.6384



17.6243, 31.8746, 16.2763



1.2666, 2.2274, 1.3652

Inverse Universe

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



68.5854, 69.9388, 77.5983



89.0475, 90.0979, 100.4158



68.0259, 69.8646, 74.1908



14.3952, 14.5093, 16.2061



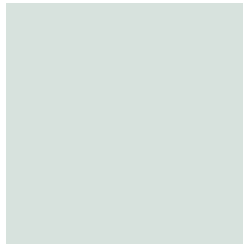
19.3414, 9.8036, 8.4635



1.3854, 0.6974, 0.8222

Previews

White Background



This preview shows how the XYZ color 68.2718, 74.0602, 79.1034 looks on a white background.

Color Contrast Check

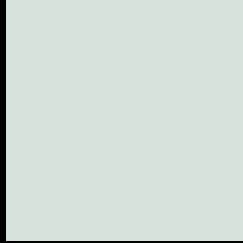
Large Text (above 18pt) WCAG AA × Fail

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 68.2718, 74.0602, 79.1034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

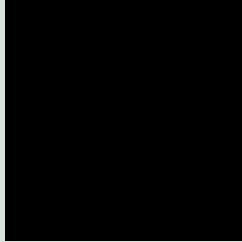
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

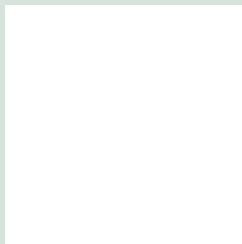
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2718, 74.0602, 79.1034

Background



This preview shows how black text looks on a background with the XYZ color 68.2718, 74.0602, 79.1034.

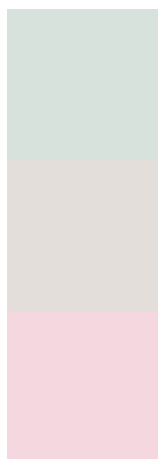


This preview shows how white text looks on a background with the XYZ color 68.2718, 74.0602,

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

68.2718, 74.0602, 79.1034

Protanopia

70.9024, 73.8510, 77.5355

Deuteranopia

75.5313, 73.8519, 80.0860



Tritanopia

71.1783, 74.0317, 93.7571

Trichromacy



Original Color

68.2718, 74.0602, 79.1034

Protanomaly

69.7374, 73.6306, 78.2467

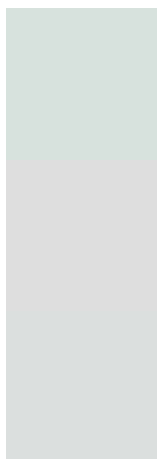
Deuteranomaly

72.7097, 73.9528, 79.5493

Tritanomaly

70.1222, 74.0035, 88.4302

Monochromacy



Original Color

68.2718, 74.0602, 79.1034

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.7859, 73.1093, 79.5934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2718, 74.0602, 79.1034 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(215, 226, 221) looks like.

```
.text, #text, p{  
    color:rgb(215, 226, 221)  
}
```

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(215, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 226, 221) }
```

Border

The CSS property to change the border of an element to XYZ 68.2718, 74.0602, 79.1034 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(215, 226, 221) }
```


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

```
.border{ border-color:rgb(215, 226, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 226, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(215, 226,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2718, 74.0602, 79.1034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 226, 221) }
```

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

```
.background{ background-color: rgb(215,  
226, 221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor