

Converting Colors

XYZ(68.2699, 72.6412, 79.6412)

Have a look what the booklet for
XYZ(68.2699, 72.6412, 79.6412)
contains.

XYZ(68.4859, 72.9547, 79.5793)	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(68.4859, 72.9547,
79.5793)**

Conversions

Conversions Part 1

Format	Color
Hex	DADFDE
RGB	218, 223, 222
RGB Percent	85%, 87%, 87%
CMY	0.1451, 0.1255, 0.1294
CMYK	0.02, 0.00, 0.00, 0.13
HSL	168°, 7%, 86%
HSV	168°, 2%, 87%
XYZ	68.4859, 72.9547, 79.5793
YIQ	221.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

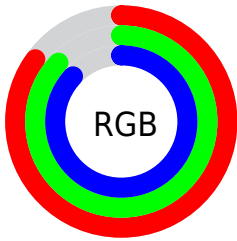
Format	Color
R _Y B	218, 221, 223
Decimal	14344158
CIE Lab	88.43, -1.86, -0.11
CIE LCh	88, 1.862, 183.349
Yxy	72.9547, 0.3099, 0.3301
Android (android.graphics.Color)	4292534238 (0xFFDADFDE)
YUV	221.3910, 0.3002, -2.9739
Hunter-Lab	85.4135, -6.3496, 4.5493

Details

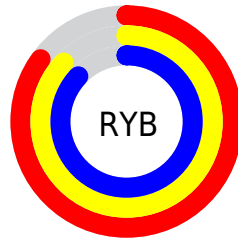
The XYZ color **68.4859, 72.9547, 79.5793** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2917, 70.9471, 77.1162**, and the grayscale version is **69.0030, 72.5965, 79.0576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.0819, 38.5818, 42.1045** is the 20% darker color. If you saturate the color by 10%, you get **61.6695, 69.5111, 76.1732**, and if you desaturate by 10%, it is **76.2196, 76.8734, 83.1144**.

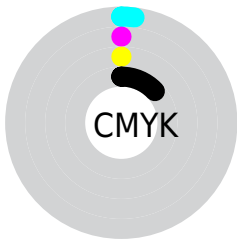
Distribution



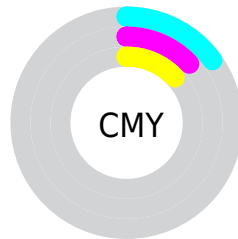
- Red (85%)
- Green (87%)
- Blue (87%)



- Red (85%)
- Yellow (87%)
- Blue (87%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.4859, 72.9547, 79.5793 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 68.4859, 72.9547, 79.5793 by changing the saturation by 10% instead.

■ 68.4859, 72.9547,
79.5793

■ 68.4859, 72.9547,
79.5793

444.5654,
470.8578, 513.1832

■ 50.5683, 53.9389,
58.8481

116.0851,
123.4129, 134.5801

■ 36.0848, 38.5528,
42.0716

146.4973,
155.6241, 169.6868

■ 24.6701, 26.4120,
28.8314

181.8052,
193.0026, 210.4225

■ 15.9588, 17.1321,
18.7088

222.3739,
235.9327, 257.2056

■ 9.5857, 10.3288,
11.2854

268.5690,
284.7989, 310.4546

■ 5.1853, 5.6175,
6.1426

320.7557,

■ 2.3923, 2.6139,

339.9856, 370.5882

2.8618

379.2994,
401.8771, 438.0249

■ 0.8413, 0.9337,
1.0245

■ 0.0000, 0.0000,
0.0000

■ 68.4859, 72.9547,
79.5793

■ 68.4859, 72.9547,
79.5793

■ 61.6695, 69.5111,
76.1732

■ 76.2196, 76.8734,
83.1144

■ 55.7286, 66.5150,
72.8889


■ 82.0455, 79.8048,
86.6424


■ 50.6270, 63.9498,
69.7257


■ 82.6854, 80.0607,
90.0120


■ 46.3240, 61.7944,
66.6811


■ 83.3416, 80.3232,
93.4673

 42.7751, 60.0261,
63.7521


 84.0141, 80.5922,
97.0088


 39.9317, 58.6196,
60.9360


 84.7032, 80.8678,
100.6372

 37.7390, 57.5469,
58.2295

 85.4088, 81.1501,
104.3531

 36.1345, 56.7756,
55.6290

 85.6791, 81.2582,
105.7764

 35.0425, 56.2669,
53.1302

Harmonies

Analogous

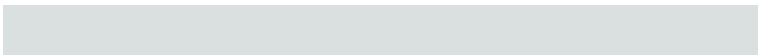
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.5751, 72.9547, 78.3351



68.4859, 72.9547, 79.5793



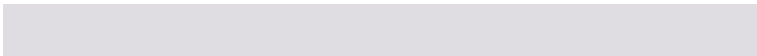
68.6250, 72.9547, 80.7975

Triad

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



68.4859, 72.9547, 79.5793



69.8153, 72.9547, 81.5114



69.7279, 72.9547, 77.2533

Complementary

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



68.4859, 72.9547, 79.5793



68.2917, 70.9471, 77.1162

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.



70.0624, 72.9547, 78.0884



68.4859, 72.9547, 79.5793



70.1131, 72.9547, 80.5456

Square

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



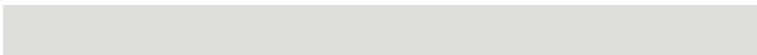
68.4859, 72.9547, 79.5793



69.3915, 72.9547, 81.9206



70.2037, 72.9547, 79.2914



69.2910, 72.9547, 77.0008

Rectangle

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



68.4859, 72.9547, 79.5793



68.8289, 72.9547, 81.4286



70.2037, 72.9547, 79.2914



69.8561, 72.9547, 77.4748

Sweetspot

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



68.4880, 72.9578, 79.5809



94.0358, 99.4867, 108.4232



68.2833, 72.9135, 76.8054



20.1382, 21.2997, 23.2121



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.



68.4880, 72.9578, 79.5809



92.0452, 98.4794, 107.4749



68.2457, 72.2573, 80.1659



14.8514, 15.9570, 17.4229



20.2977, 32.9439, 30.3545



1.4372, 2.2956, 2.2636

Inverse Universe

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



68.2917, 70.9471, 77.1162



91.6888, 94.8281, 102.9993



68.5291, 71.6329, 76.5453



14.7793, 15.2181, 16.5172



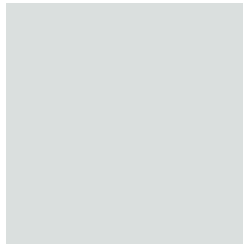
18.2009, 9.3474, 2.4580



1.2935, 0.6607, 0.3384

Previews

White Background



This preview shows how the XYZ color 68.4859, 72.9547, 79.5793 looks on a white background.

Color Contrast Check

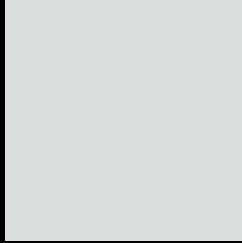
Large Text (above 18pt) WCAG AA × Fail

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 68.4859, 72.9547, 79.5793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

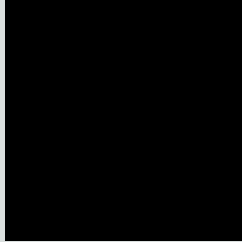
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

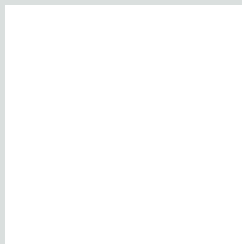
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.4859, 72.9547, 79.5793

Background



This preview shows how black text looks on a background with the XYZ color 68.4859, 72.9547, 79.5793.

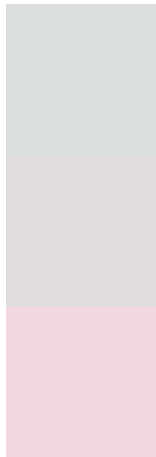


This preview shows how white text looks on a background with the XYZ color 68.4859, 72.9547,

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

68.4859, 72.9547, 79.5793

Protanopia

70.2716, 73.1021, 78.8130

Deuteranopia

74.3729, 72.8599, 80.6645



Tritanopia

71.1079, 73.2581, 91.2814

Trichromacy



Original Color

68.4859, 72.9547, 79.5793

Protanomaly

69.6038, 73.1510, 78.8576

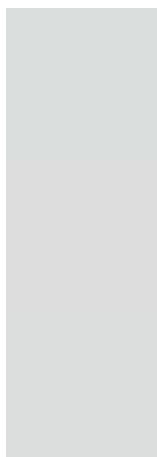
Deuteranomaly

71.9950, 72.7942, 80.0682

Tritanomaly

70.2020, 73.2844, 86.7892

Monochromacy



Original Color

68.4859, 72.9547, 79.5793

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.6876, 72.6787, 78.8148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.4859, 72.9547, 79.5793 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(218, 223, 222) looks like.

```
.text, #text, p{  
    color:rgb(218, 223, 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(218, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 223, 222) }
```

Border

The CSS property to change the border of an element to XYZ 68.4859, 72.9547, 79.5793 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(218, 223, 222) }
```


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

```
.border{ border-color:rgb(218, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 223, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 223, 222); box-shadow:4px 4px 4px 4px rgb(218, 223, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 68.4859, 72.9547, 79.5793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 223, 222) }
```

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

```
.background{ background-color: rgb(218,  
223, 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](#).

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