

Converting Colors

XYZ(68.5146, 70.5424, 79.8181)

Have a look what the booklet for
XYZ(68.5146, 70.5424, 79.8181)
contains.

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Color

**XYZ(68.5636, 70.6414,
79.8335)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD9DF
RGB	223, 217, 223
RGB Percent	87%, 85%, 87%
CMY	0.1255, 0.1490, 0.1255
CMYK	0.00, 0.03, 0.00, 0.13
HSL	300°, 9%, 86%
HSV	300°, 3%, 87%
XYZ	68.5636, 70.6414, 79.8335
YIQ	219.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

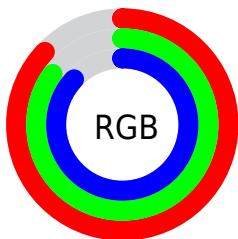
Format	Color
R _Y B	223, 217, 223
Decimal	14670303
CIE Lab	87.31, 3.12, -2.22
CIE LCh	87, 3.831, 324.517
Yxy	70.6414, 0.3130, 0.3225
Android (android.graphics.Color)	4292860383 (0xFFDFD9DF)
YUV	219.4780, 1.7363, 3.0888
Hunter-Lab	84.0484, -1.4711, 2.5172

Details

The XYZ color **68.5636, 70.6414, 79.8335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5300, 72.5388, 76.0915**, and the grayscale version is **67.6532, 71.1764, 77.5111**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.1367, 36.9926, 42.2815** is the 20% darker color. If you saturate the color by 10%, you get **63.2004, 59.9142, 78.0463**, and if you desaturate by 10%, it is **74.7075, 82.9280, 81.8827**.

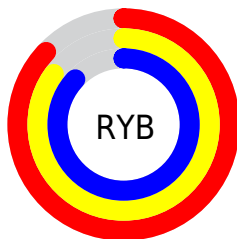
Distribution



Red (87%)

Green (85%)

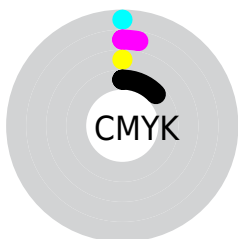
Blue (87%)



Red (87%)

Yellow (85%)

Blue (87%)

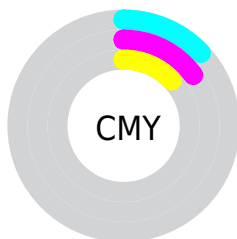


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5636, 70.6414, 79.8335 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 68.5636, 70.6414, 79.8335 by changing the saturation by 10% instead.

■ 68.5636, 70.6414,
79.8335

■ 68.5636, 70.6414,
79.8335

444.8358,
462.7989, 514.0635

■ 50.6317, 52.0496,
59.0560

116.1955,
120.1230, 134.9409

■ 36.1355, 37.0446,
42.2379

146.6263,
151.7816, 170.1079

■ 24.7094, 25.2420,
28.9606

181.9541,
188.5645, 210.9084

■ 15.9883, 16.2575,
18.8057

222.5443,
230.8563, 257.7610

■ 9.6067, 9.7065,
11.3546

268.7622,
279.0412, 311.0843

■ 5.1992, 5.2048,
6.1887

320.9732,

■ 2.4006, 2.3679,

333.5036, 371.2968

2.8895

379.5426,
394.6281, 438.8170

■ 0.8454, 0.8093,
1.0385

■ 0.0000, 0.0000,
0.0000

■ 68.5636, 70.6414,
79.8335

■ 68.5636, 70.6414,
79.8335

■ 63.2004, 59.9142,
78.0463

■ 74.7075, 82.9280,
81.8827

■ 58.5810, 50.6754,
76.5061

■ 79.5115, 92.5361,
83.4844

■ 54.6743, 42.8621,
75.2036

■ 79.5116, 92.5361,
83.4847

■ 51.4448, 36.4033,
74.1268

■ 79.5117, 92.5361,
83.4851

48.8542, 31.2221,
73.2629

79.5118, 92.5362,
83.4854

46.8599, 27.2337,
72.5978

79.5118, 92.5362,
83.4858

45.4146, 24.3431,
72.1156

79.5119, 92.5362,
83.4862

44.4634, 22.4410,
71.7983

79.5120, 92.5362,
83.4865

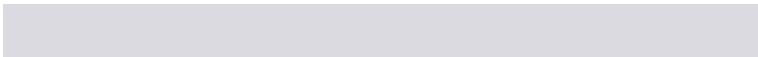
43.9406, 21.3954,
71.6236

79.5120, 92.5363,
83.4869

Harmonies

Analogous

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



67.8642, 70.6414, 81.5211



68.5636, 70.6414, 79.8335



68.8824, 70.6414, 77.3917

Triad

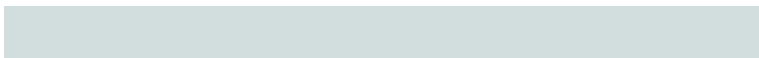
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5636, 70.6414, 79.8335



67.3082, 70.6414, 72.0810



65.5781, 70.6414, 78.9945

Complementary

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



68.5636, 70.6414, 79.8335



67.5300, 72.5388, 76.0915

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.



65.4322, 70.6414, 76.4432



68.5636, 70.6414, 79.8335



66.4260, 70.6414, 72.4886

Square

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



68.5636, 70.6414, 79.8335



68.1535, 70.6414, 72.9454



65.7412, 70.6414, 74.0714



66.1416, 70.6414, 81.0291

Rectangle

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



68.5636, 70.6414, 79.8335



68.8342, 70.6414, 75.6790



65.7412, 70.6414, 74.0714



65.4788, 70.6414, 78.1673

Sweetspot

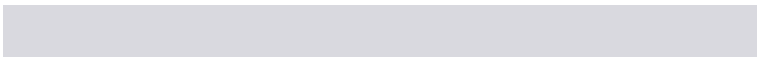
The Sweet Spot groups the original color and five complimentary colors.



68.5656, 70.6444, 79.8350



94.2419, 98.3838, 108.6306



66.7505, 69.7087, 79.7502



20.1802, 21.0752, 23.2543



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.



68.5656, 70.6444, 79.8350



92.6579, 95.2158, 108.1025



68.1649, 70.4841, 77.7247



14.9756, 15.2967, 17.5509



25.7243, 12.3567, 42.0755



1.7831, 0.8565, 2.9165

Inverse Universe

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



68.5656, 70.6444, 79.8350



92.6579, 95.2158, 108.1025



67.9237, 72.6962, 78.1643



14.9756, 15.2967, 17.5509



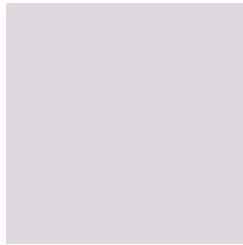
25.7243, 12.3567, 42.0755



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 68.5636, 70.6414, 79.8335 looks on a white background.

Color Contrast Check

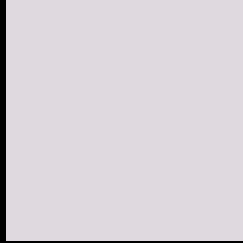
Large Text (above 18pt) WCAG AA × Fail

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 68.5636, 70.6414, 79.8335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

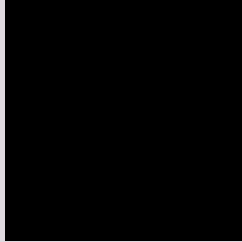
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

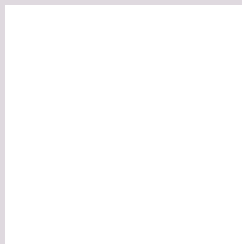
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.5636, 70.6414, 79.8335

Background



This preview shows how black text looks on a background with the XYZ color 68.5636, 70.6414, 79.8335.



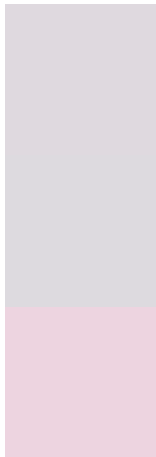
This preview shows how white text looks on a background with the XYZ color 68.5636, 70.6414,

79.8335.

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

68.5636, 70.6414, 79.8335

Protanopia

68.2095, 70.8427, 79.8910

Deuteranopia

71.9231, 70.4733, 80.3330



Tritanopia

70.0043, 70.8422, 87.0751

Trichromacy



Original Color

68.5636, 70.6414, 79.8335

Protanomaly

68.5149, 71.0001, 79.9053

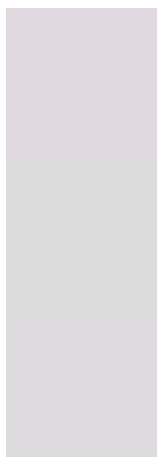
Deuteranomaly

70.7798, 70.6308, 80.4236

Tritanomaly

69.4392, 70.6162, 84.0992

Monochromacy



Original Color

68.5636, 70.6414, 79.8335

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.5049, 70.5258, 77.7651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5636, 70.6414, 79.8335 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(223, 217, 223) looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 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(223, 217, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 223) }
```

Border

The CSS property to change the border of an element to XYZ 68.5636, 70.6414, 79.8335 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(223, 217, 223) }
```


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

```
.border{ border-color:rgb(223, 217, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 217, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 217, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 217, 223);  
box-shadow:4px 4px 4px 4px rgb(223, 217,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5636, 70.6414, 79.8335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 217, 223) }
```

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

```
.background{ background-color: rgb(223,  
217, 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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