

Converting Colors

XYZ(66.8331, 68.9887, 79.6057)

Have a look what the booklet for
XYZ(66.8331, 68.9887, 79.6057)
contains.

XYZ(66.8331, 68.9887, 79.6057)	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(66.8331, 68.9887,
79.6057)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD7DF
RGB	219, 215, 223
RGB Percent	86%, 84%, 87%
CMY	0.1412, 0.1568, 0.1255
CMYK	0.02, 0.04, 0.00, 0.13
HSL	270°, 11%, 86%
HSV	270°, 4%, 87%
XYZ	66.8331, 68.9887, 79.6057
YIQ	217.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

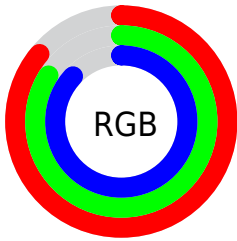
Format	Color
R _Y B	219, 215, 223
Decimal	14407647
CIE Lab	86.50, 2.82, -3.45
CIE LCh	86, 4.454, 309.195
Yxy	68.9887, 0.3102, 0.3202
Android (android.graphics.Color)	4292597727 (0xFFDBD7DF)
YUV	217.1080, 2.9048, 1.6593
Hunter-Lab	83.0594, -1.7254, 1.3170

Details

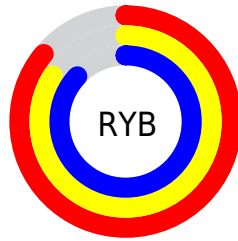
The XYZ color **66.8331, 68.9887, 79.6057** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.8696, 72.7436, 74.7574**, and the grayscale version is **66.0099, 69.4475, 75.6284**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9485, 35.8613, 42.1257** is the 20% darker color. If you saturate the color by 10%, you get **58.2933, 56.7250, 77.6897**, and if you desaturate by 10%, it is **76.3758, 82.9222, 81.7932**.

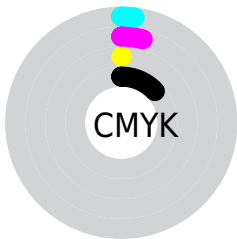
Distribution



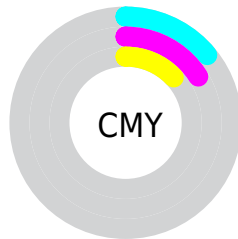
- Red (86%)
- Green (84%)
- Blue (87%)



- Red (86%)
- Yellow (84%)
- Blue (87%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8331, 68.9887, 79.6057 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 66.8331, 68.9887, 79.6057 by changing the saturation by 10% instead.

■ 66.8331, 68.9887,
79.6057

■ 66.8331, 68.9887,
79.6057

438.7923,
456.9911, 513.2747

■ 49.2192, 50.7025,
58.8697

113.7323,
117.7654, 134.6176

■ 35.0086, 35.9719,
42.0889

143.7484,
149.0248, 169.7306

■ 23.8361, 24.4125,
28.8448

178.6292,
185.3773, 210.4730

■ 15.3361, 15.6399,
18.7189

218.7402,
227.2073, 257.2633

■ 9.1435, 9.2697,
11.2926

264.4466,
274.8994, 310.5201

■ 4.8928, 4.9175,
6.1473

316.1139,

■ 2.2186, 2.1989,

328.8377, 370.6619

2.8646

374.1073,
389.4069, 438.1072

■ 0.7525, 0.7194,
1.0259

■ 0.0000, 0.0000,
0.0000

■ 66.8331, 68.9887,
79.6057

■ 66.8331, 68.9887,
79.6057

■ 58.2933, 56.7250,
77.6897

■ 76.3758, 82.9222,
81.7932

■ 50.7149, 46.0578,
76.0301

■ 85.4621, 95.6037,
83.7621

■ 44.0623, 36.9213,
74.6173

■ 89.3945, 97.6310,
83.9461

■ 38.2951, 29.2417,
73.4389

■ 90.3195, 98.1078,
83.9894

■ 33.3697, 22.9389,
72.4819

■ 29.2383, 17.9248,
71.7319

■ 25.8476, 14.1007,
71.1725

■ 23.1369, 11.3528,
70.7849

■ 21.0332, 9.5436,
70.5466

Harmonies

Analogous

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



65.8891, 68.9887, 80.8649



66.8331, 68.9887, 79.6057



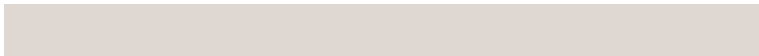
67.4433, 68.9887, 77.1526

Triad

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



66.8331, 68.9887, 79.6057



66.2787, 68.9887, 69.9313



63.6332, 68.9887, 76.0283

Complementary

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



66.8331, 68.9887, 79.6057



67.8696, 72.7436, 74.7574

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.



63.7351, 68.9887, 73.1174



66.8331, 68.9887, 79.6057



65.2553, 68.9887, 69.6481

Square

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



66.8331, 68.9887, 79.6057



67.1208, 68.9887, 71.5842



64.3263, 68.9887, 70.8002



64.0466, 68.9887, 78.7641

Rectangle

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



66.8331, 68.9887, 79.6057



67.5749, 68.9887, 75.1968



64.3263, 68.9887, 70.8002



63.6084, 68.9887, 75.0372

Sweetspot

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



66.8351, 68.9917, 79.6072



93.7741, 98.1426, 108.6087



66.7126, 70.5101, 79.9067



20.0850, 21.0261, 23.2498



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.



66.8351, 68.9917, 79.6072



90.0295, 92.7089, 107.7573



68.0121, 69.5984, 79.6623



14.5060, 14.8806, 17.4954



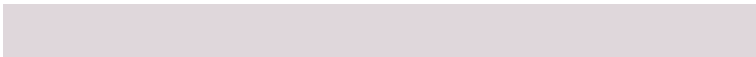
11.8492, 5.2038, 41.4283



0.9246, 0.4139, 2.8764

Inverse Universe

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



67.5206, 69.4066, 76.8597



91.0720, 93.3399, 103.5789



66.7195, 72.1508, 74.7036



14.7043, 15.0007, 16.7006



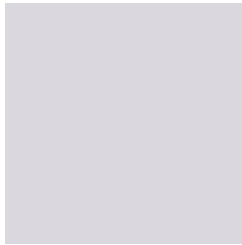
19.6555, 9.9292, 10.1178



1.4076, 0.7063, 0.9393

Previews

White Background



This preview shows how the XYZ color 66.8331, 68.9887, 79.6057 looks on a white background.

Color Contrast Check

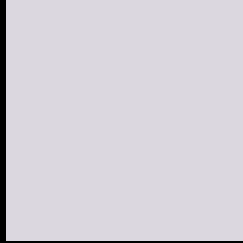
Large Text (above 18pt) WCAG AA × Fail

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 66.8331, 68.9887, 79.6057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

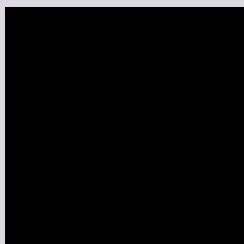
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

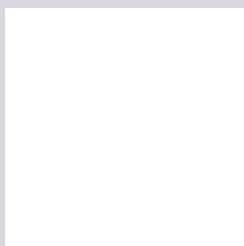
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8331, 68.9887, 79.6057

Background



This preview shows how black text looks on a background with the XYZ color 66.8331, 68.9887, 79.6057.

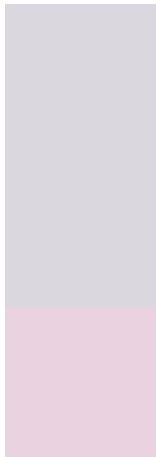


This preview shows how white text looks on a background with the XYZ color 66.8331, 68.9887,

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

66.8331, 68.9887, 79.6057

Protanopia

66.5332, 68.8340, 79.5917

Deuteranopia

70.4328, 68.9674, 80.1208



Tritanopia

67.9856, 69.0783, 85.3515

Trichromacy



Original Color

66.8331, 68.9887, 79.6057

Protanomaly

66.5332, 68.8340, 79.5917

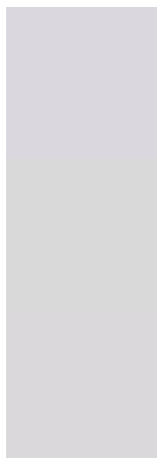
Deuteranomaly

69.3111, 69.1268, 80.2107

Tritanomaly

67.5654, 68.9102, 83.1387

Monochromacy



Original Color

66.8331, 68.9887, 79.6057

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.2555, 69.1316, 76.8695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8331, 68.9887, 79.6057 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, 215, 223) looks like.

```
.text, #text, p{  
    color:rgb(219, 215, 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, 215, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 215, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.8331, 68.9887, 79.6057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

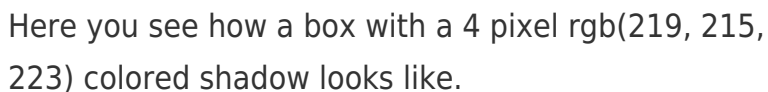
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 215, 223) }
```


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

```
.border{ border-color:rgb(219, 215, 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, 215, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 215, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 215, 223);  
box-shadow:4px 4px 4px 4px rgb(219, 215,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8331, 68.9887, 79.6057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 215, 223) }
```

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

```
.background{ background-color: rgb(219,  
215, 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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