

Converting Colors

XYZ(66.3145, 67.7072, 79.4340)

Have a look what the booklet for
XYZ(66.3145, 67.7072, 79.4340)
contains.

XYZ(66.3780, 67.6303, 79.3675)	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(66.3780, 67.6303,
79.3675)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD4DF
RGB	220, 212, 223
RGB Percent	86%, 83%, 87%
CMY	0.1372, 0.1686, 0.1255
CMYK	0.01, 0.05, 0.00, 0.13
HSL	284°, 15%, 85%
HSV	284°, 5%, 87%
XYZ	66.3780, 67.6303, 79.3675
YIQ	215.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

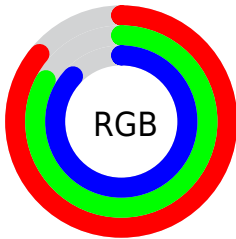
Format	Color
R _Y B	220, 212, 223
Decimal	14472415
CIE Lab	85.82, 4.72, -4.44
CIE LCh	86, 6.482, 316.767
Yxy	67.6303, 0.3111, 0.3170
Android (android.graphics.Color)	4292662495 (0xFFDCD4DF)
YUV	215.6460, 3.6255, 3.8185
Hunter-Lab	82.2376, 0.1602, 0.3456

Details

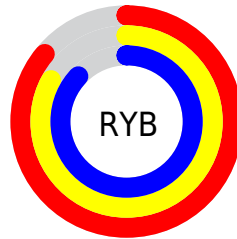
The XYZ color **66.3780, 67.6303, 79.3675** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2981, 71.9776, 72.6895**, and the grayscale version is **65.0067, 68.3921, 74.4790**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6419, 34.9404, 41.9641** is the 20% darker color. If you saturate the color by 10%, you get **59.3768, 56.3109, 77.5526**, and if you desaturate by 10%, it is **74.2200, 80.5299, 81.4451**.

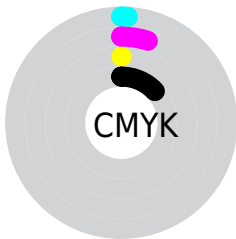
Distribution



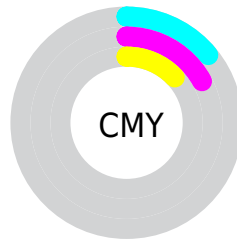
- Red (86%)
- Green (83%)
- Blue (87%)



- Red (86%)
- Yellow (83%)
- Blue (87%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3780, 67.6303, 79.3675 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 66.3780, 67.6303, 79.3675 by changing the saturation by 10% instead.

■ 66.3780, 67.6303,
79.3675

■ 66.3780, 67.6303,
79.3675

437.1949,
452.1850, 512.4491

■ 48.8482, 49.5970,
58.6749

113.0834,
115.8231, 134.2795

■ 34.7131, 35.0933,
41.9332

142.9897,
146.7514, 169.3359

■ 23.6074, 23.7348,
28.7238

177.7522,
182.7469, 210.0174

■ 15.1658, 15.1370,
18.6282

217.7362,
224.1939, 256.7424

■ 9.0229, 8.9156,
11.2279

263.3071,
271.4768, 309.9296

■ 4.8134, 4.6862,
6.1042

314.8303,

■ 2.1718, 2.0643,

324.9800, 369.9974

2.8387

372.6711,
385.0880, 437.3644

■ 0.7278, 0.6444,
1.0129

■ 0.0000, 0.0000,
0.0000

■ 66.3780, 67.6303,
79.3675

■ 66.3780, 67.6303,
79.3675

■ 59.3768, 56.3109,
77.5526

■ 74.2200, 80.5299,
81.4451

■ 53.1786, 46.4998,
75.9856

■ 82.4129, 94.0318,
83.6194

■ 47.7509, 38.1325,
74.6566

■ 84.4239, 95.0685,
83.7135

■ 43.0570, 31.1366,
73.5537

■ 86.5040, 96.1409,
83.8109

■ 39.0569, 25.4330,
72.6636

■ 88.6539, 97.2491,
83.9115

■ 35.7064, 20.9346,
71.9719

■ 90.3195, 98.1078,
83.9894

■ 32.9560, 17.5432,
71.4623

■ 30.7480, 15.1450,
71.1157

■ 29.0122, 13.6006,
70.9091

Harmonies

Analogous

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



65.1057, 67.6303, 81.7272



66.3780, 67.6303, 79.3675



67.0931, 67.6303, 75.5209

Triad

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



66.3780, 67.6303, 79.3675



64.9348, 67.6303, 65.9798



61.5920, 67.6303, 76.0160

Complementary

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



66.3780, 67.6303, 79.3675



66.2981, 71.9776, 72.6895

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.



61.5478, 67.6303, 71.7864



66.3780, 67.6303, 79.3675



63.4625, 67.6303, 66.1008

Square

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



66.3780, 67.6303, 79.3675



66.2512, 67.6303, 67.8536



62.2278, 67.6303, 68.1909



62.3494, 67.6303, 79.7419

Rectangle

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



66.3780, 67.6303, 79.3675



67.1505, 67.6303, 72.6810



62.2278, 67.6303, 68.1909



61.4936, 67.6303, 74.6031

Sweetspot

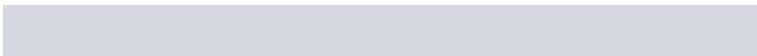
The Sweet Spot groups the original color and five complimentary colors.



66.3799, 67.6332, 79.3690



93.9864, 98.2521, 108.6187



64.8035, 67.9880, 79.5205



20.1282, 21.0484, 23.2518



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.



66.3799, 67.6332, 79.3690



88.8429, 89.8407, 107.2662



66.9770, 67.9779, 77.7317



14.3586, 14.4634, 17.4226



16.7264, 7.7181, 41.6565



1.2439, 0.5786, 2.8914

Inverse Universe

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



66.2430, 67.6842, 73.8662



88.6218, 89.9277, 98.1744



65.7281, 71.6488, 74.2435



14.3198, 14.4791, 15.8093



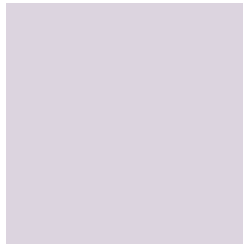
18.4266, 9.4377, 3.6465



1.3143, 0.6690, 0.4480

Previews

White Background



This preview shows how the XYZ color 66.3780, 67.6303, 79.3675 looks on a white background.

Color Contrast Check

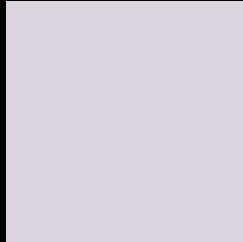
Large Text (above 18pt) WCAG AA × Fail

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 66.3780, 67.6303, 79.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

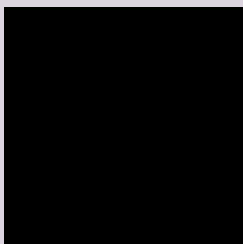
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

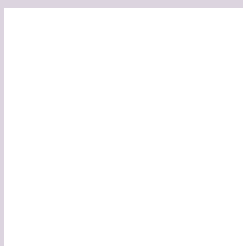
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3780, 67.6303, 79.3675

Background



This preview shows how black text looks on a background with the XYZ color 66.3780, 67.6303, 79.3675.

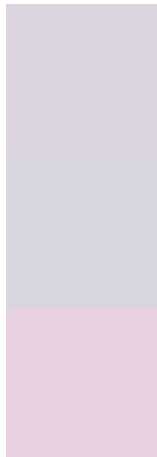


This preview shows how white text looks on a background with the XYZ color 66.3780, 67.6303,

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

66.3780, 67.6303, 79.3675

Protanopia

65.5677, 67.5692, 80.1074

Deuteranopia

68.9654, 67.4825, 79.9116



Tritanopia

67.1167, 67.5621, 82.9022

Trichromacy



Original Color

66.3780, 67.6303, 79.3675

Protanomaly

65.8641, 67.7220, 80.1213

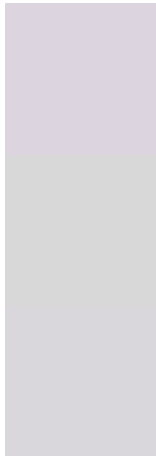
Deuteranomaly

67.9336, 67.3136, 79.9334

Tritanomaly

66.8405, 67.4517, 81.4481

Monochromacy



Original Color

66.3780, 67.6303, 79.3675

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.7019, 68.4671, 76.7704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3780, 67.6303, 79.3675 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(220, 212, 223) looks like.

```
.text, #text, p{  
    color:rgb(220, 212, 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(220, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 212, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.3780, 67.6303, 79.3675 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(220, 212, 223) }
```


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

```
.border{ border-color:rgb(220, 212, 223) }
```

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

Here you see how a box with a 4 pixel rgb(220, 212, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 212, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 212, 223);  
box-shadow:4px 4px 4px 4px rgb(220, 212,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3780, 67.6303, 79.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 212, 223) }
```

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

```
.background{ background-color: rgb(220,  
212, 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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