

Converting Colors

XYZ(67.4160, 67.7628, 78.0102)

Have a look what the booklet for
XYZ(67.4160, 67.7628, 78.0102)
contains.

XYZ(67.3967, 67.8165, 77.9443)	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(67.3967, 67.8165,
77.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	E1D3DD
RGB	225, 211, 221
RGB Percent	88%, 83%, 87%
CMY	0.1176, 0.1725, 0.1333
CMYK	0.00, 0.06, 0.02, 0.12
HSL	317°, 19%, 85%
HSV	317°, 6%, 88%
XYZ	67.3967, 67.8165, 77.9443
YIQ	216.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

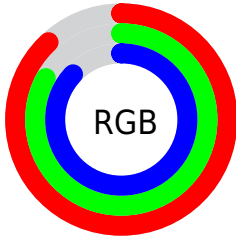
Format	Color
R _Y B	225, 211, 221
Decimal	14799837
CIE Lab	85.91, 6.58, -3.20
CIE LCh	86, 7.313, 334.082
Yxy	67.8165, 0.3162, 0.3182
Android (android.graphics.Color)	4292989917 (0xFFE1D3DD)
YUV	216.3260, 2.3043, 7.6071
Hunter-Lab	82.3508, 1.9723, 1.5281

Details

The XYZ color **67.3967, 67.8165, 77.9443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0574, 72.6073, 74.8265**, and the grayscale version is **65.4764, 68.8863, 75.0172**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5175, 35.4132, 41.0398** is the 20% darker color. If you saturate the color by 10%, you get **61.3538, 57.0747, 71.7843**, and if you desaturate by 10%, it is **74.2587, 80.1421, 84.5409**.

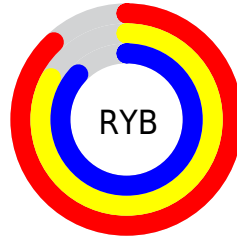
Distribution



Red (88%)

Green (83%)

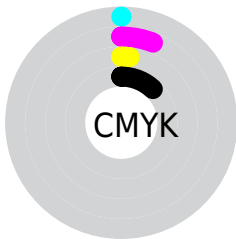
Blue (87%)



Red (88%)

Yellow (83%)

Blue (87%)

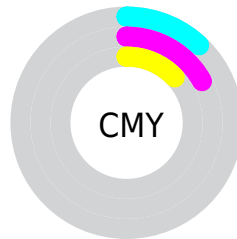


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (12%)



Cyan (12%)

Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3967, 67.8165, 77.9443 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 67.3967, 67.8165, 77.9443 by changing the saturation by 10% instead.

67.3967, 67.8165,
77.9443

67.3967, 67.8165,
77.9443

440.7658,
452.8456, 507.5006

49.6790, 49.7485,
57.5120

114.5353,
116.0896, 132.2568

35.3751, 35.2136,
41.0044

144.6869,
147.0634, 166.9740

24.1199, 23.8274,
28.0028

179.7138,
183.1080, 207.2901

15.5478, 15.2057,
18.0887

219.9814,
224.6077, 253.6234

9.2935, 8.9639,
10.8436

265.8551,
271.9469, 306.3926

4.9918, 4.7176,
5.8489

317.7001,

2.2771, 2.0825,

325.5100, 366.0161

2.6861

375.8819,
385.6815, 432.9126

■ 0.7829, 0.6548,
0.9364

■ 0.0000, 0.0000,
0.0000

■ 67.3967, 67.8165,
77.9443

■ 67.3967, 67.8165,
77.9443

■ 61.3538, 57.0747,
71.7843

■ 74.2587, 80.1421,
84.5409

■ 56.0914, 47.8430,
66.0438

■ 81.6432, 93.4603,
91.4745

■ 51.5766, 40.0552,
60.7107

■ 82.5834, 93.8364,
96.4254

■ 47.7718, 33.6365,
55.7708

■ 83.5574, 94.2260,
101.5547

■ 44.6358, 28.5055,
51.2085

■ 84.5657, 94.6293,
106.8642

■ 42.1235, 24.5721,
47.0066

■ 84.8617, 94.7478,
108.4232

■ 40.1834, 21.7344,
43.1463

■ 38.7559, 19.8736,
39.6055

■ 37.7665, 18.8414,
36.3573

Harmonies

Analogous

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



66.2785, 67.8165, 81.7433



67.3967, 67.8165, 77.9443



67.7224, 67.8165, 73.1862

Triad

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



67.3967, 67.8165, 77.9443



64.2286, 67.8165, 65.0205



61.8278, 67.8165, 79.1288

Complementary

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



67.3967, 67.8165, 77.9443



66.0574, 72.6073, 74.8265

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.



61.2994, 67.8165, 74.4989



67.3967, 67.8165, 77.9443



62.6702, 67.8165, 66.4645

Square

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



67.3967, 67.8165, 77.9443



65.8749, 67.8165, 65.8545



61.6051, 67.8165, 69.8836



63.0606, 67.8165, 82.4477

Rectangle

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



67.3967, 67.8165, 77.9443



67.4416, 67.8165, 70.1420



61.6051, 67.8165, 69.8836



61.5628, 67.8165, 77.6671

Sweetspot

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



67.3986, 67.8194, 77.9458



93.2107, 96.6956, 107.1336



64.9021, 66.4701, 80.6444



19.9702, 20.7314, 22.9496



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.



67.3986, 67.8194, 77.9458



88.8071, 88.8110, 102.8208



66.4897, 67.4559, 73.1595



14.3748, 14.3208, 16.6544



21.6376, 10.7220, 20.5549



1.5378, 0.7584, 1.6248

Inverse Universe

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



67.3986, 67.8194, 77.9458



88.8071, 88.8110, 102.8208



66.9717, 72.9730, 79.6407



14.3748, 14.3208, 16.6544



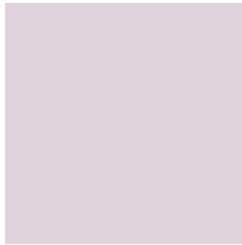
21.6376, 10.7220, 20.5549



1.5378, 0.7584, 1.6248

Previews

White Background



This preview shows how the XYZ color 67.3967, 67.8165, 77.9443 looks on a white background.

Color Contrast Check

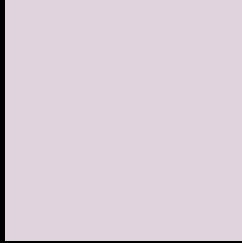
Large Text (above 18pt) WCAG AA × Fail

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 67.3967, 67.8165, 77.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

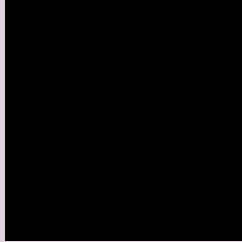
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3967, 67.8165, 77.9443

Background



This preview shows how black text looks on a background with the XYZ color 67.3967, 67.8165, 77.9443.

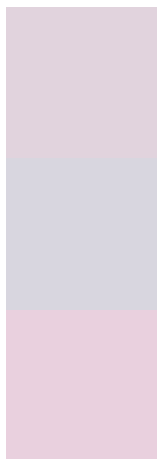


This preview shows how white text looks on a background with the XYZ color 67.3967, 67.8165,

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

67.3967, 67.8165, 77.9443

Protanopia

65.6848, 68.0198, 79.4792

Deuteranopia

69.3450, 67.7093, 78.5216



Tritanopia

68.2758, 67.8080, 82.1628

Trichromacy



Original Color

67.3967, 67.8165, 77.9443

Protanomaly

66.1925, 67.9225, 78.7289

Deuteranomaly

68.6184, 67.6978, 78.5577

Tritanomaly

68.0012, 67.6982, 80.7172

Monochromacy



Original Color

67.3967, 67.8165, 77.9443

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.9149, 68.2152, 76.0224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3967, 67.8165, 77.9443 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(225, 211, 221)` looks like.

```
.text, #text, p{  
    color:rgb(225, 211, 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(225, 211, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 211, 221) }
```

Border

The CSS property to change the border of an element to XYZ 67.3967, 67.8165, 77.9443 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(225, 211, 221) }
```


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

```
.border{ border-color:rgb(225, 211, 221) }
```

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

Here you see how a box with a 4 pixel rgb(225, 211, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 211, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 211, 221);  
box-shadow:4px 4px 4px 4px rgb(225, 211,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3967, 67.8165, 77.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 211, 221) }
```

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

```
.background{ background-color: rgb(225,  
211, 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