

Converting Colors

XYZ(69.1026, 69.7585, 79.2187)

Have a look what the booklet for
XYZ(69.1026, 69.7585, 79.2187)
contains.

XYZ(69.2263, 69.8610, 78.9432)	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(69.2263, 69.8610,
78.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D6DE
RGB	228, 214, 222
RGB Percent	89%, 84%, 87%
CMY	0.1059, 0.1608, 0.1294
CMYK	0.00, 0.06, 0.03, 0.11
HSL	326°, 21%, 87%
HSV	326°, 6%, 89%
XYZ	69.2263, 69.8610, 78.9432
YIQ	219.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

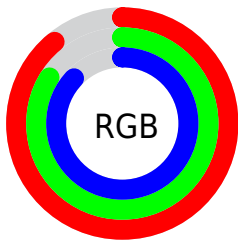
Format	Color
R _Y B	228, 214, 222
Decimal	14997214
CIE Lab	86.93, 6.21, -2.21
CIE LCh	87, 6.587, 340.404
Yxy	69.8610, 0.3175, 0.3204
Android (android.graphics.Color)	4293187294 (0xFFE4D6DE)
YUV	219.0980, 1.4307, 7.8071
Hunter-Lab	83.5829, 1.5699, 2.5092

Details

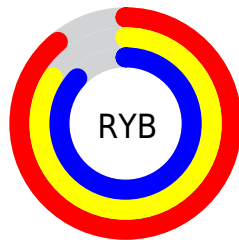
The XYZ color **69.2263, 69.8610, 78.9432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3958, 74.9521, 78.5761**, and the grayscale version is **67.3892, 70.8987, 77.2087**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.6068, 36.4705, 41.6693** is the 20% darker color. If you saturate the color by 10%, you get **62.5833, 58.6103, 70.4524**, and if you desaturate by 10%, it is **76.7569, 82.7634, 88.1063**.

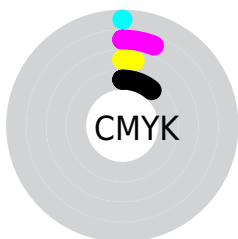
Distribution



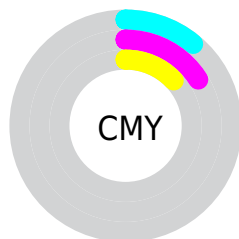
- Red (89%)
- Green (84%)
- Blue (87%)



- Red (89%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2263, 69.8610, 78.9432 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 69.2263, 69.8610, 78.9432 by changing the saturation by 10% instead.

69.2263, 69.8610,
78.9432

69.2263, 69.8610,
78.9432

447.1376,
460.0618, 510.9767

51.1733, 51.4132,
58.3281

117.1370,
119.0105, 133.6768

36.5682, 36.5376,
41.6560

147.7255,
150.4810, 168.6324

25.0455, 24.8497,
28.5085

183.2233,
187.0613, 209.2052

16.2398, 15.9651,
18.4669

223.9955,
229.1356, 255.8138

9.7860, 9.4994,
11.1128

270.4078,
277.0884, 308.8767

5.3184, 5.0684,
6.0277

322.8253,

2.4720, 2.2874,

331.3041, 368.8125

2.7928

381.6135,
392.1671, 436.0396

■ 0.8811, 0.7670,
0.9899

■ 0.0000, 0.0000,
0.0000

■ 69.2263, 69.8610,
78.9432

■ 69.2263, 69.8610,
78.9432

■ 62.5833, 58.6103,
70.4524

■ 76.7569, 82.7634,
88.1063

■ 56.7874, 48.9350,
62.6115

■ 83.7148, 94.3980,
97.4585

■ 51.8034, 40.7663,
55.4032

■ 85.2190, 94.9997,
105.3797

■ 47.5915, 34.0267,
48.8077

■ 85.8054, 95.2342,
108.4674

■ 44.1085, 28.6317,
42.8036

■ 41.3065, 24.4878,
37.3681

■ 39.1315, 21.4896,
32.4758

■ 37.5208, 19.5138,
28.0983

■ 36.3965, 18.4076,
24.2020

Harmonies

Analogous

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



68.3364, 69.8610, 82.7011



69.2263, 69.8610, 78.9432



69.3525, 69.8610, 74.5473

Triad

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



69.2263, 69.8610, 78.9432



65.8681, 69.8610, 68.0359



64.1739, 69.8610, 81.6903

Complementary

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



69.2263, 69.8610, 78.9432



68.3958, 74.9521, 78.5761

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.



63.5340, 69.8610, 77.6067



69.2263, 69.8610, 78.9432



64.5021, 69.8610, 69.7971

Square

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



69.2263, 69.8610, 78.9432



67.3977, 69.8610, 68.3626



63.6532, 69.8610, 73.2610



65.4137, 69.8610, 84.3290

Rectangle

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



69.2263, 69.8610, 78.9432



68.9845, 69.8610, 71.8599



63.6532, 69.8610, 73.2610



63.8824, 69.8610, 80.4346

Sweetspot

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



69.2283, 69.8640, 78.9447



93.0945, 96.6491, 106.5215



67.5176, 68.8875, 83.1379



19.9466, 20.7220, 22.8250



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.



69.2283, 69.8640, 78.9447



88.4099, 88.6522, 100.7294



68.3311, 69.5051, 74.2201



15.0063, 14.9912, 17.0882



20.8723, 10.4832, 13.4886



1.5887, 0.7932, 1.2407

Inverse Universe

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



69.2283, 69.8640, 78.9447



88.4099, 88.6522, 100.7294



69.3193, 75.3215, 83.4388



15.0063, 14.9912, 17.0882



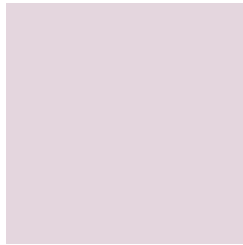
20.8723, 10.4832, 13.4886



1.5887, 0.7932, 1.2407

Previews

White Background



This preview shows how the XYZ color 69.2263, 69.8610, 78.9432 looks on a white background.

Color Contrast Check

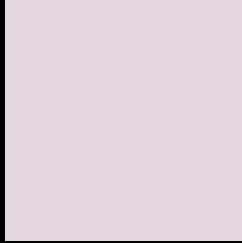
Large Text (above 18pt) WCAG AA × Fail

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 69.2263, 69.8610, 78.9432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

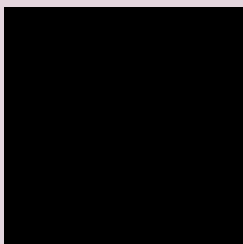
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.2263, 69.8610, 78.9432

Background



This preview shows how black text looks on a background with the XYZ color 69.2263, 69.8610, 78.9432.

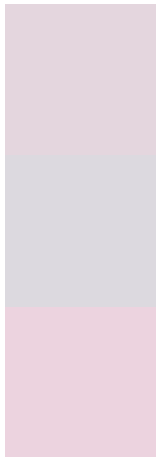


This preview shows how white text looks on a background with the XYZ color 69.2263, 69.8610,

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

69.2263, 69.8610, 78.9432

Protanopia

67.6473, 70.1691, 79.7906

Deuteranopia

71.2056, 69.7491, 79.5220



Tritanopia

70.3903, 69.9597, 84.6565

Trichromacy



Original Color

69.2263, 69.8610, 78.9432

Protanomaly

68.3066, 70.1274, 79.7478

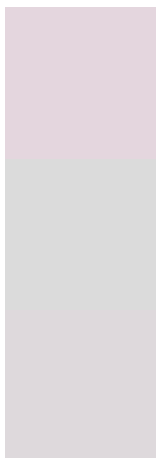
Deuteranomaly

70.4670, 69.7383, 79.5589

Tritanomaly

69.9725, 69.7926, 82.4564

Monochromacy



Original Color

69.2263, 69.8610, 78.9432

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.8553, 70.3226, 77.7074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2263, 69.8610, 78.9432 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(228, 214, 222) looks like.

```
.text, #text, p{  
    color:rgb(228, 214, 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(228, 214, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 214, 222) }
```

Border

The CSS property to change the border of an element to XYZ 69.2263, 69.8610, 78.9432 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(228, 214, 222) }
```


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

```
.border{ border-color:rgb(228, 214, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 214, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 214, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 214, 222);  
box-shadow:4px 4px 4px 4px rgb(228, 214,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2263, 69.8610, 78.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 214, 222) }
```

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

```
.background{ background-color: rgb(228,  
214, 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