

Converting Colors

XYZ(68.2742, 68.9431, 78.4098)

Have a look what the booklet for
XYZ(68.2742, 68.9431, 78.4098)
contains.

XYZ(68.2094, 68.9777, 78.1256)	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(68.2094, 68.9777,
78.1256)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D5DD
RGB	226, 213, 221
RGB Percent	89%, 84%, 87%
CMY	0.1137, 0.1647, 0.1333
CMYK	0.00, 0.06, 0.02, 0.11
HSL	323°, 18%, 86%
HSV	323°, 6%, 89%
XYZ	68.2094, 68.9777, 78.1256
YIQ	217.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

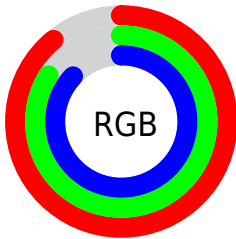
Format	Color
R _Y B	226, 213, 221
Decimal	14865885
CIE Lab	86.49, 5.87, -2.34
CIE LCh	86, 6.318, 338.283
Yxy	68.9777, 0.3168, 0.3204
Android (android.graphics.Color)	4293055965 (0xFFE2D5DD)
YUV	217.7990, 1.5781, 7.1923
Hunter-Lab	83.0528, 1.2556, 2.3644

Details

The XYZ color **68.2094, 68.9777, 78.1256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2944, 73.6026, 76.9932**, and the grayscale version is **66.4907, 69.9534, 76.1793**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9044, 35.8648, 41.1066** is the 20% darker color. If you saturate the color by 10%, you get **61.7882, 57.9406, 70.4174**, and if you desaturate by 10%, it is **75.4867, 81.6291, 86.4169**.

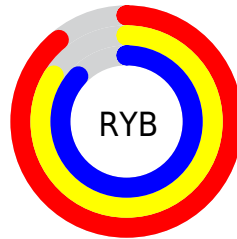
Distribution



Red (89%)

Green (84%)

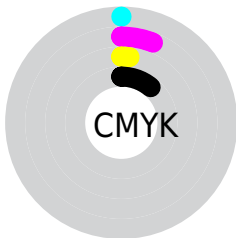
Blue (87%)



Red (89%)

Yellow (84%)

Blue (87%)

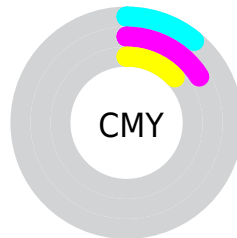


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (11%)



Cyan (11%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2094, 68.9777, 78.1256 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 68.2094, 68.9777, 78.1256 by changing the saturation by 10% instead.

68.2094, 68.9777,
78.1256

68.2094, 68.9777,
78.1256

443.6027,
456.9523, 508.1325

50.3424, 50.6935,
57.6601

115.6919,
117.7497, 132.5146

35.9045, 35.9648,
41.1226

146.0382,
149.0064, 167.2753

24.5302, 24.4070,
28.0944

181.2749,
185.3560, 207.6380

15.8542, 15.6358,
18.1572

221.7674,
227.1830, 254.0214

9.5113, 9.2668,
10.8923

267.8810,
274.8717, 306.8440

5.1359, 4.9156,
5.8812

319.9813,

2.3628, 2.1978,

328.8066, 366.5244

2.7054

378.4333,
389.3720, 433.4810

■ 0.8265, 0.7188,
0.9461

■ 0.0000, 0.0000,
0.0000

■ 68.2094, 68.9777,
78.1256

■ 68.2094, 68.9777,
78.1256

■ 61.7882, 57.9406,
70.4174

■ 75.4867, 81.6291,
86.4169

■ 56.1837, 48.4433,
63.2722

■ 82.6146, 93.8850,
94.9579

■ 51.3621, 40.4188,
56.6751

■ 83.9262, 94.4097,
101.8647

■ 47.2850, 33.7917,
50.6085

■ 85.1744, 94.9090,
108.4378

■ 43.9105, 28.4796,
45.0538

■ 41.1924, 24.3918,
39.9907

■ 39.0786, 21.4257,
35.3968

■ 37.5084, 19.4618,
31.2466

■ 36.4075, 18.3530,
27.5102

Harmonies

Analogous

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



67.3195, 68.9777, 81.6079



68.2094, 68.9777, 78.1256



68.3844, 68.9777, 73.9504

Triad

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



68.2094, 68.9777, 78.1256



65.1569, 68.9777, 67.4117



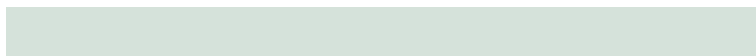
63.3779, 68.9777, 80.2074

Complementary

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



68.2094, 68.9777, 78.1256



67.2944, 73.6026, 76.9932

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.



62.8168, 68.9777, 76.2715



68.2094, 68.9777, 78.1256



63.8339, 68.9777, 68.9571

Square

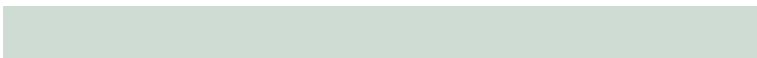
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2094, 68.9777, 78.1256



66.6076, 68.9777, 67.8666



62.9825, 68.9777, 72.1633



64.5259, 68.9777, 82.8406

Rectangle

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



68.2094, 68.9777, 78.1256



68.0697, 68.9777, 71.3522



62.9825, 68.9777, 72.1633



63.1152, 68.9777, 78.9872

Sweetspot

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



68.2114, 68.9807, 78.1271



93.1302, 96.6633, 106.7096



66.4328, 67.9857, 81.5736



19.9538, 20.7249, 22.8633



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.



68.2114, 68.9807, 78.1271



88.5315, 88.7008, 101.3697



67.3644, 68.6419, 73.6668



14.3268, 14.3017, 16.4020



20.6137, 10.3125, 15.1634



1.4722, 0.7321, 1.2793

Inverse Universe

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



68.2114, 68.9807, 78.1271



88.5315, 88.7008, 101.3697



68.1593, 73.9485, 81.5476



14.3268, 14.3017, 16.4020



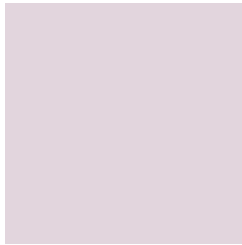
20.6137, 10.3125, 15.1634



1.4722, 0.7321, 1.2793

Previews

White Background



This preview shows how the XYZ color 68.2094, 68.9777, 78.1256 looks on a white background.

Color Contrast Check

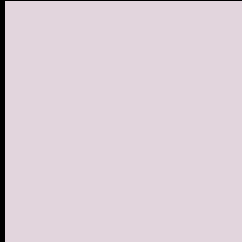
Large Text (above 18pt) WCAG AA × Fail

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 68.2094, 68.9777, 78.1256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

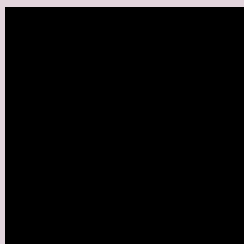
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

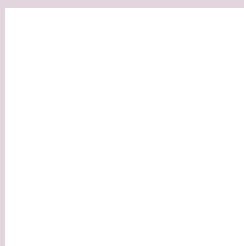
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2094, 68.9777, 78.1256

Background



This preview shows how black text looks on a background with the XYZ color 68.2094, 68.9777, 78.1256.

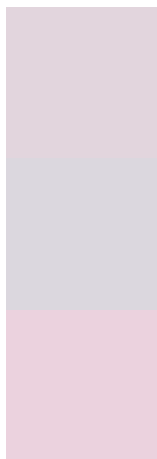


This preview shows how white text looks on a background with the XYZ color 68.2094, 68.9777,

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

68.2094, 68.9777, 78.1256

Protanopia

66.6987, 68.9349, 78.8976

Deuteranopia

70.4924, 69.0293, 78.7159



Tritanopia

69.2256, 69.0193, 83.0723

Trichromacy



Original Color

68.2094, 68.9777, 78.1256

Protanomaly

67.3556, 68.8967, 78.8556

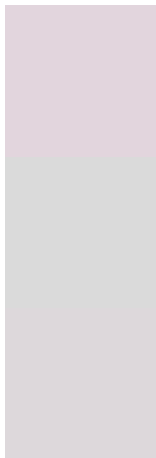
Deuteranomaly

69.7578, 69.0183, 78.7525

Tritanomaly

68.8126, 68.8541, 80.8975

Monochromacy



Original Color

68.2094, 68.9777, 78.1256

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.1608, 69.5984, 76.9119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2094, 68.9777, 78.1256 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(226, 213, 221) looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 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(226, 213, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 221) }
```

Border

The CSS property to change the border of an element to XYZ 68.2094, 68.9777, 78.1256 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(226, 213, 221) }
```


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

```
.border{ border-color:rgb(226, 213, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 213, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 221);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2094, 68.9777, 78.1256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 221) }
```

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

```
.background{ background-color: rgb(226,  
213, 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](#).

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