

Converting Colors

XYZ(67.1222, 69.5478, 78.2930)

Have a look what the booklet for
XYZ(67.1222, 69.5478, 78.2930)
contains.

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Color

**XYZ(67.1222, 69.5478,
78.2930)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD8DD
RGB	220, 216, 221
RGB Percent	86%, 85%, 87%
CMY	0.1372, 0.1529, 0.1333
CMYK	0.00, 0.02, 0.00, 0.13
HSL	288°, 7%, 86%
HSV	288°, 2%, 87%
XYZ	67.1222, 69.5478, 78.2930
YIQ	217.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

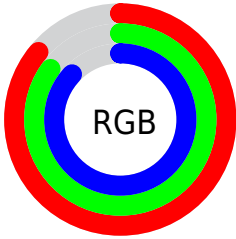
Format	Color
R _Y B	220, 216, 221
Decimal	14473437
CIE Lab	86.77, 2.26, -1.98
CIE LCh	87, 3.009, 318.836
Yxy	69.5478, 0.3123, 0.3235
Android (android.graphics.Color)	4292663517 (0xFFDCD8DD)
YUV	217.7660, 1.5944, 1.9592
Hunter-Lab	83.3953, -2.2729, 2.7142

Details

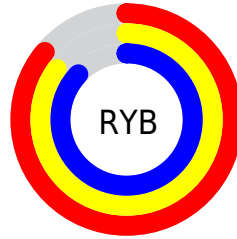
The XYZ color **67.1222, 69.5478, 78.2930** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8690, 71.4244, 75.2311**, and the grayscale version is **66.4701, 69.9317, 76.1556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1449, 36.2422, 41.2195** is the 20% darker color. If you saturate the color by 10%, you get **60.5164, 58.2966, 76.4705**, and if you desaturate by 10%, it is **74.5289, 82.3462, 80.3740**.

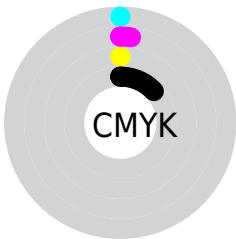
Distribution



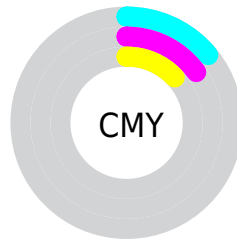
- Red (86%)
- Green (85%)
- Blue (87%)



- Red (86%)
- Yellow (85%)
- Blue (87%)



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



- Cyan (14%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1222, 69.5478, 78.2930 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 67.1222, 69.5478, 78.2930 by changing the saturation by 10% instead.

67.1222, 69.5478,
78.2930

67.1222, 69.5478,
78.2930

439.8053,
458.9607, 508.7156

49.4550, 51.1580,
57.7968

114.1443,
118.5637, 132.7527

35.1966, 36.3343,
41.2317

144.2300,
149.9585, 167.5533

23.9816, 24.6925,
28.1791

179.1858,
186.4571, 207.9591

15.4446, 15.8481,
18.2205

219.3772,
228.4439, 254.3887

9.2204, 9.4167,
10.9373

265.1695,
276.3032, 307.2606

4.9434, 5.0140,
5.9111

316.9280,

2.2485, 2.2555,

330.4195, 366.9934

2.7232

375.0181,
391.1772, 434.0055

■ 0.7681, 0.7500,
0.9551

■ 0.0000, 0.0000,
0.0000

■ 67.1222, 69.5478,
78.2930

■ 67.1222, 69.5478,
78.2930

■ 60.5164, 58.2966,
76.4705

■ 74.5289, 82.3462,
80.3740

■ 54.6750, 48.5231,
74.8919

■ 81.0761, 93.3737,
82.1574

■ 49.5676, 40.1658,
73.5480

■ 82.5045, 94.1100,
82.2243

■ 45.1594, 33.1554,
72.4272

■ 83.9691, 94.8650,
82.2928

41.4125, 27.4167,
71.5170

85.4702, 95.6389,
82.3631

38.2855, 22.8671,
70.8036

87.0080, 96.4317,
82.4351

35.7317, 19.4141,
70.2717

88.5829, 97.2435,
82.5088

33.6980, 16.9512,
69.9035

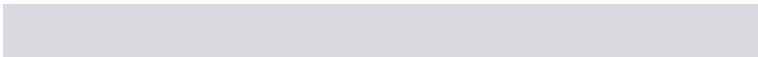
90.0514, 98.0005,
82.5775

32.1200, 15.3507,
69.6778

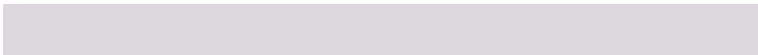
Harmonies

Analogous

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



66.5389, 69.5478, 79.4352



67.1222, 69.5478, 78.2930



67.4332, 69.5478, 76.4750

Triad

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



67.1222, 69.5478, 78.2930



66.3642, 69.5478, 72.0043



64.8366, 69.5478, 76.9779

Complementary

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



67.1222, 69.5478, 78.2930



66.8690, 71.4244, 75.2311

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.



64.7906, 69.5478, 74.9814



67.1222, 69.5478, 78.2930



65.6692, 69.5478, 72.1335

Square

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



67.1222, 69.5478, 78.2930



66.9935, 69.5478, 72.8589



65.0944, 69.5478, 73.2152



65.2206, 69.5478, 78.6668

Rectangle

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



67.1222, 69.5478, 78.2930



67.4429, 69.5478, 75.1348



65.0944, 69.5478, 73.2152



64.7812, 69.5478, 76.3198

Sweetspot

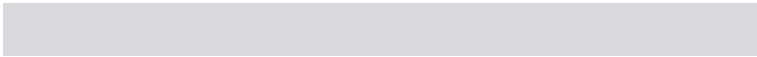
The Sweet Spot groups the original color and five complimentary colors.



67.1242, 69.5508, 78.2945



94.0544, 98.2871, 108.6219



66.2072, 69.4912, 78.3313



20.1420, 21.0555, 23.2525



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.



67.1242, 69.5508, 78.2945



92.0968, 94.9265, 108.0764



67.2399, 69.6322, 77.3194



14.1526, 14.5120, 16.7073



18.1778, 8.4952, 40.4201



1.2439, 0.5845, 2.6217

Inverse Universe

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



66.9015, 69.4968, 75.5373



91.6883, 94.8279, 102.9966



66.7565, 71.3451, 76.1855



14.0744, 14.4932, 15.7301



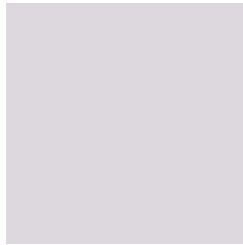
17.6212, 9.0495, 2.3854



1.1725, 0.5987, 0.3176

Previews

White Background



This preview shows how the XYZ color 67.1222, 69.5478, 78.2930 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 67.1222, 69.5478, 78.2930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

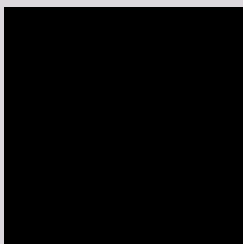
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

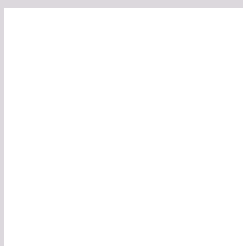
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1222, 69.5478, 78.2930

Background



This preview shows how black text looks on a background with the XYZ color 67.1222, 69.5478, 78.2930.

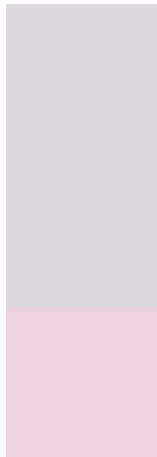


This preview shows how white text looks on a background with the XYZ color 67.1222, 69.5478,

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

67.1222, 69.5478, 78.2930

Protanopia

67.1222, 69.5478, 78.2930

Deuteranopia

70.8235, 69.2000, 78.7314



Tritanopia

68.5946, 69.3923, 85.3800

Trichromacy



Original Color

67.1222, 69.5478, 78.2930

Protanomaly

67.1222, 69.5478, 78.2930

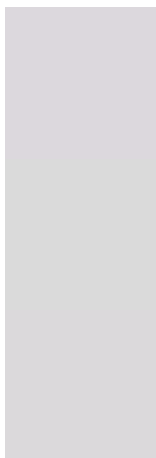
Deuteranomaly

69.3614, 69.1839, 78.8053

Tritanomaly

67.9844, 69.5191, 82.5084

Monochromacy



Original Color

67.1222, 69.5478, 78.2930

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.8125, 69.8003, 76.9692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1222, 69.5478, 78.2930 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, 216, 221) looks like.

```
.text, #text, p{  
    color:rgb(220, 216, 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(220, 216, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 216, 221) }
```

Border

The CSS property to change the border of an element to XYZ 67.1222, 69.5478, 78.2930 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, 216, 221) }
```


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

```
.border{ border-color:rgb(220, 216, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 216, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 216, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 216, 221);  
box-shadow:4px 4px 4px 4px rgb(220, 216,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1222, 69.5478, 78.2930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 216, 221) }
```

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

```
.background{ background-color: rgb(220,  
216, 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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