

Converting Colors

XYZ(69.7226, 68.9668, 82.6010)

Have a look what the booklet for
XYZ(69.7226, 68.9668, 82.6010)
contains.

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Color

**XYZ(69.7925, 68.9576,
82.3047)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D3E3
RGB	230, 211, 227
RGB Percent	90%, 83%, 89%
CMY	0.0980, 0.1725, 0.1098
CMYK	0.00, 0.08, 0.01, 0.10
HSL	309°, 28%, 86%
HSV	309°, 8%, 90%
XYZ	69.7925, 68.9576, 82.3047
YIQ	218.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

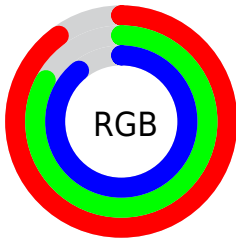
Format	Color
R _{YB}	230, 211, 227
Decimal	15127523
CIE Lab	86.48, 9.35, -5.49
CIE LCh	86, 10.843, 329.568
Yxy	68.9576, 0.3157, 0.3119
Android (android.graphics.Color)	4293317603 (0xFFE6D3E3)
YUV	218.5050, 4.1880, 10.0811
Hunter-Lab	83.0407, 4.7011, -0.6360

Details

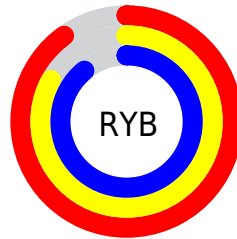
The XYZ color **69.7925, 68.9576, 82.3047** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3010, 75.2994, 74.6091**, and the grayscale version is **66.9599, 70.4470, 76.7168**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7904, 35.7542, 43.9919** is the 20% darker color. If you saturate the color by 10%, you get **63.9870, 58.1396, 77.9228**, and if you desaturate by 10%, it is **76.4301, 81.4209, 87.0179**.

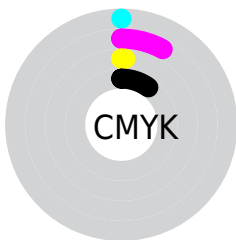
Distribution



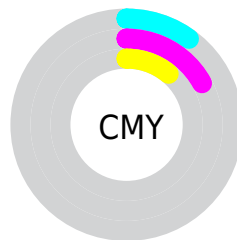
- Red (90%)
- Green (83%)
- Blue (89%)



- Red (90%)
- Yellow (83%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7925, 68.9576, 82.3047 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 69.7925, 68.9576, 82.3047 by changing the saturation by 10% instead.

69.7925, 68.9576,
82.3047

69.7925, 68.9576,
82.3047

449.0989,
456.8814, 522.5765

51.6364, 50.6772,
61.0794

117.9407,
117.7210, 138.4417

36.9384, 35.9518,
43.8583

148.6634,
148.9728, 174.1906

25.3333, 24.3969,
30.2228

184.3058,
185.3172, 215.6177

16.4556, 15.6283,
19.7542

225.2331,
227.1385, 263.1417

9.9400, 9.2615,
12.0342

271.8107,
274.8212, 317.1810

5.4211, 4.9122,
6.6442

324.4040,

2.5337, 2.1958,

328.7496, 378.1542

3.1655

383.3782,
389.3083, 446.4799

■ 0.9123, 0.7177,
1.1798

■ 0.0000, 0.0000,
0.0000

■ 69.7925, 68.9576,
82.3047

■ 69.7925, 68.9576,
82.3047

■ 63.9870, 58.1396,
77.9228

■ 76.4301, 81.4209,
87.0179

■ 58.9730, 48.8887,
73.8557

■ 83.2831, 94.2990,
91.8545

■ 54.7155, 41.1340,
70.0923

■ 83.8112, 94.5103,
94.6357

■ 51.1743, 34.7954,
66.6190

■ 84.3502, 94.7259,
97.4735

48.3056, 29.7853,
63.4207

84.8999, 94.9458,
100.3685

46.0609, 26.0067,
60.4810

85.4605, 95.1700,
103.3207

44.3847, 23.3490,
57.7811

86.0321, 95.3986,
106.3307

43.2120, 21.6819,
55.2989

86.4436, 95.5632,
108.4972

42.4495, 20.8191,
53.0030

Harmonies

Analogous

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



67.9528, 68.9576, 87.7593



69.7925, 68.9576, 82.3047



70.4881, 68.9576, 75.1875

Triad

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



69.7925, 68.9576, 82.3047



65.5786, 68.9576, 62.0913



61.4330, 68.9576, 82.1128

Complementary

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



69.7925, 68.9576, 82.3047



67.3010, 75.2994, 74.6091

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.



60.8331, 68.9576, 74.9789



69.7925, 68.9576, 82.3047



63.1892, 68.9576, 63.6904

Square

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



69.7925, 68.9576, 82.3047



68.0174, 68.9576, 63.7839



61.4679, 68.9576, 68.2968



63.1276, 68.9576, 87.6436

Rectangle

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



69.7925, 68.9576, 82.3047



70.1960, 68.9576, 70.5480



61.4679, 68.9576, 68.2968



61.0986, 68.9576, 79.8086

Sweetspot

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



69.7945, 68.9606, 82.3062



93.3151, 96.7373, 107.6833



65.2679, 66.5788, 84.2749



19.9915, 20.7399, 23.0615



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.



69.7945, 68.9606, 82.3062



86.8062, 84.5390, 102.9868



68.5388, 68.4583, 75.6939



14.8922, 14.5741, 17.6326



24.0051, 11.7362, 29.9853



1.8003, 0.8778, 2.3548

Inverse Universe

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



69.7945, 68.9606, 82.3062



86.8062, 84.5390, 102.9868



68.5296, 75.7908, 81.0789



14.8922, 14.5741, 17.6326



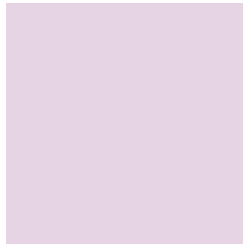
24.0051, 11.7362, 29.9853



1.8003, 0.8778, 2.3548

Previews

White Background



This preview shows how the XYZ color 69.7925, 68.9576, 82.3047 looks on a white background.

Color Contrast Check

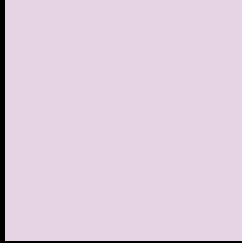
Large Text (above 18pt) WCAG AA × Fail

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 69.7925, 68.9576, 82.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

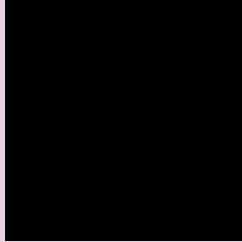
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7925, 68.9576, 82.3047

Background



This preview shows how black text looks on a background with the XYZ color 69.7925, 68.9576, 82.3047.

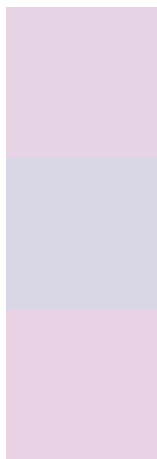


This preview shows how white text looks on a background with the XYZ color 69.7925, 68.9576,

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

69.7925, 68.9576, 82.3047

Protanopia

67.1986, 69.0658, 84.6522

Deuteranopia

70.5160, 68.9629, 82.2676



Tritanopia

69.9310, 69.0130, 83.0339

Trichromacy



Original Color

69.7925, 68.9576, 82.3047

Protanomaly

68.3136, 69.2799, 83.9006

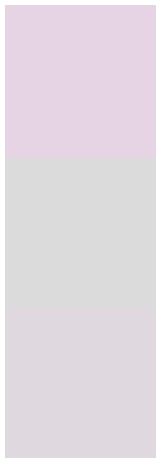
Deuteranomaly

70.1904, 68.7950, 82.2524

Tritanomaly

69.9310, 69.0130, 83.0339

Monochromacy



Original Color

69.7925, 68.9576, 82.3047

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1721, 70.0736, 79.0397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7925, 68.9576, 82.3047 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(230, 211, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 211, 227)  
}
```

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(230, 211, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 211, 227) }
```

Border

The CSS property to change the border of an element to XYZ 69.7925, 68.9576, 82.3047 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(230, 211, 227) }
```


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

```
.border{ border-color:rgb(230, 211, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 211, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 211, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 211, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 211,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7925, 68.9576, 82.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 211, 227) }
```

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

```
.background{ background-color: rgb(230,  
211, 227) }
```

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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