

Converting Colors

XYZ(64.6181, 61.2065, 78.3699)

Have a look what the booklet for
XYZ(64.6181, 61.2065, 78.3699)
contains.

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Color

**XYZ(64.4232, 60.9763,
78.1862)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C4DF
RGB	226, 196, 223
RGB Percent	89%, 77%, 87%
CMY	0.1137, 0.2314, 0.1255
CMYK	0.00, 0.13, 0.01, 0.11
HSL	306°, 34%, 83%
HSV	306°, 13%, 89%
XYZ	64.4232, 60.9763, 78.1862
YIQ	208.0480, 9.2130, 14.7570

Conversions

Conversions Part 2

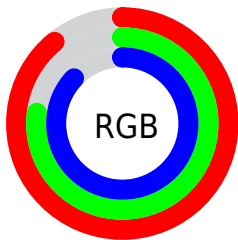
Format	Color
R _Y B	226, 196, 223
Decimal	14861535
CIE Lab	82.37, 15.22, -9.50
CIE LCh	82, 17.939, 328.025
Yxy	60.9763, 0.3164, 0.2995
Android (android.graphics.Color)	4293051615 (0xFFE2C4DF)
YUV	208.0480, 7.3713, 15.7439
Hunter-Lab	78.0873, 10.6123, -4.7039

Details

The XYZ color **64.4232, 60.9763, 78.1862** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.2724, 70.2536, 64.4196**, and the grayscale version is **59.9364, 63.0577, 68.6699**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **33.5355, 30.8311, 41.2293** is the 20% darker color. If you saturate the color by 10%, you get **59.4025, 51.4184, 75.0197**, and if you desaturate by 10%, it is **70.2194, 72.0768, 81.6327**.

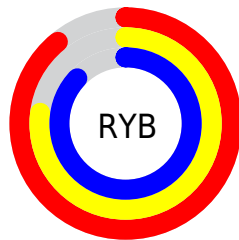
Distribution



Red (89%)

Green (77%)

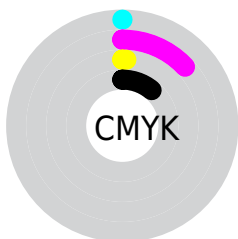
Blue (87%)



Red (89%)

Yellow (77%)

Blue (87%)

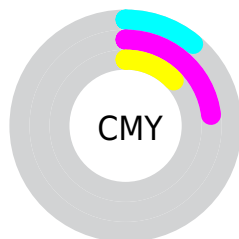


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (11%)



Cyan (11%)

Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4232, 60.9763, 78.1862 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 64.4232, 60.9763, 78.1862 by changing the saturation by 10% instead.

64.4232, 60.9763,
78.1862

64.4232, 60.9763,
78.1862

430.2943,
428.1871, 508.3436

47.2565, 44.2060,
57.7096

110.2905,
106.2446, 132.6008

33.4473, 30.8325,
41.1621

139.7218,
135.5115, 167.3759

22.6302, 20.4714,
28.1251

173.9721,
169.7126, 207.7543

14.4399, 12.7381,
18.1801

213.4066,
209.2325, 254.1544

8.5110, 7.2485,
10.9086

258.3907,
254.4555, 306.9949

4.4781, 3.6180,
5.8920

309.2898,

1.9760, 1.4622,

305.7660, 366.6942

2.7118

366.4692,
363.5484, 433.6709

■ 0.6204, 0.2619,
0.9494

■ 0.0000, 0.0000,
0.0000

■ 64.4232, 60.9763,
78.1862

■ 64.4232, 60.9763,
78.1862

■ 59.4025, 51.4184,
75.0197

■ 70.2194, 72.0768,
81.6327

■ 55.1176, 43.3266,
72.1178

■ 76.8179, 84.7762,
85.3660

■ 51.5335, 36.6301,
69.4695

■ 81.3768, 93.3899,
88.4396

■ 48.6103, 31.2487,
67.0612

■ 81.6959, 93.5176,
90.1204

46.3039, 27.0945,
64.8784

82.0192, 93.6469,
91.8229

44.5647, 24.0685,
62.9042

82.3467, 93.7779,
93.5472

43.3357, 22.0565,
61.1198

82.6783, 93.9105,
95.2934

42.5478, 20.9203,
59.5019

83.0141, 94.0448,
97.0617

42.1915, 20.4998,
58.4823

83.3541, 94.1808,
98.8520

Harmonies

Analogous

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



61.4818, 60.9763, 86.7815



64.4232, 60.9763, 78.1862



65.6236, 60.9763, 67.1215

Triad

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



64.4232, 60.9763, 78.1862



58.2100, 60.9763, 47.4843



51.7018, 60.9763, 76.7922

Complementary

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



64.4232, 60.9763, 78.1862



60.2724, 70.2536, 64.4196

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.



50.9105, 60.9763, 65.6694



64.4232, 60.9763, 78.1862



54.5679, 60.9763, 49.4773

Square

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



64.4232, 60.9763, 78.1862



61.9397, 60.9763, 50.0765



51.9370, 60.9763, 55.8493



54.1472, 60.9763, 85.9165

Rectangle

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



64.4232, 60.9763, 78.1862



65.2368, 60.9763, 60.0845



51.9370, 60.9763, 55.8493



51.2384, 60.9763, 73.1279

Sweetspot

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



64.4250, 60.9789, 78.1875



91.7181, 93.5983, 106.9813



57.0232, 57.1160, 79.9715



19.5014, 19.7844, 22.8226



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.



64.4250, 60.9789, 78.1875



82.7371, 76.4144, 101.5890



62.4911, 60.2054, 68.0040



14.2328, 13.9108, 16.9963



24.0952, 11.7051, 33.4966



1.6875, 0.8183, 2.4131

Inverse Universe

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



64.4250, 60.9789, 78.1875



82.7371, 76.4144, 101.5890



62.1010, 70.9850, 74.0487



14.2328, 13.9108, 16.9963



24.0952, 11.7051, 33.4966



1.6875, 0.8183, 2.4131

Previews

White Background



This preview shows how the XYZ color 64.4232, 60.9763, 78.1862 looks on a white background.

Color Contrast Check

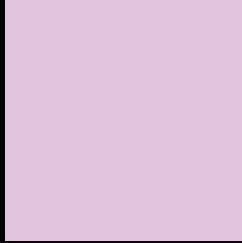
Large Text (above 18pt) WCAG AA × Fail

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 64.4232, 60.9763, 78.1862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

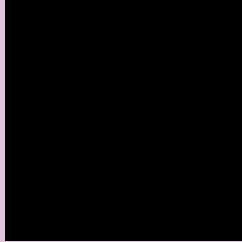
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4232, 60.9763, 78.1862

Background



This preview shows how black text looks on a background with the XYZ color 64.4232, 60.9763, 78.1862.



This preview shows how white text looks on a background with the XYZ color 64.4232, 60.9763,

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

64.4232, 60.9763, 78.1862

Protanopia

59.9536, 61.3437, 82.0794

Deuteranopia

62.2235, 60.8725, 77.5773



Tritanopia

63.2557, 61.1998, 71.4296

Trichromacy



Original Color

64.4232, 60.9763, 78.1862

Protanomaly

61.4781, 61.1132, 80.5073

Deuteranomaly

62.8941, 60.8777, 77.5429

Tritanomaly

63.5420, 60.9498, 74.0611

Monochromacy



Original Color

64.4232, 60.9763, 78.1862

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.6274, 62.4369, 71.7542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4232, 60.9763, 78.1862 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, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 196, 223)  
}
```

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, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 196, 223) }
```

Border

The CSS property to change the border of an element to XYZ 64.4232, 60.9763, 78.1862 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, 196, 223) }
```


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

```
.border{ border-color:rgb(226, 196, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 196, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 196, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 196, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 196,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4232, 60.9763, 78.1862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 196, 223) }
```

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

```
.background{ background-color: rgb(226,  
196, 223) }
```

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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