

Converting Colors

XYZ(64.9998, 60.9293, 76.7618)

Have a look what the booklet for
XYZ(64.9998, 60.9293, 76.7618)
contains.

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Color

**XYZ(64.8794, 60.9087,
76.7437)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C3DD
RGB	229, 195, 221
RGB Percent	90%, 76%, 87%
CMY	0.1020, 0.2353, 0.1333
CMYK	0.00, 0.15, 0.03, 0.10
HSL	314°, 40%, 83%
HSV	314°, 15%, 90%
XYZ	64.8794, 60.9087, 76.7437
YIQ	208.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

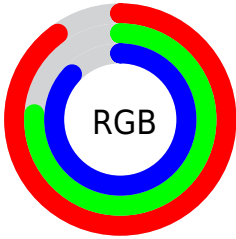
Format	Color
R_{YB}	229, 195, 221
Decimal	15057885
CIE Lab	82.33, 16.41, -8.45
CIE LCh	82, 18.459, 332.741
Yxy	60.9087, 0.3203, 0.3007
Android (android.graphics.Color)	4293247965 (0xFFE5C3DD)
YUV	208.1300, 6.3449, 18.3030
Hunter-Lab	78.0440, 11.8132, -3.6713

Details

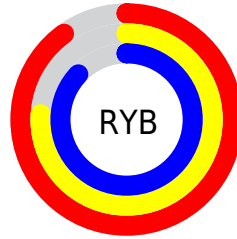
The XYZ color **64.8794, 60.9087, 76.7437** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.3069, 71.9543, 67.1606**, and the grayscale version is **59.9948, 63.1192, 68.7368**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **33.6414, 30.6872, 40.2265** is the 20% darker color. If you saturate the color by 10%, you get **59.4307, 51.1412, 71.4422**, and if you desaturate by 10%, it is **71.1416, 72.2645, 82.4315**.

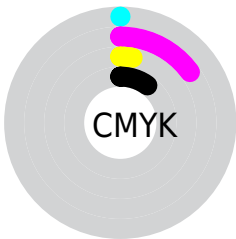
Distribution



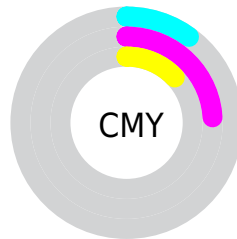
- Red (90%)
- Green (76%)
- Blue (87%)



- Red (90%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8794, 60.9087, 76.7437 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 64.8794, 60.9087, 76.7437 by changing the saturation by 10% instead.

64.8794, 60.9087,
76.7437

64.8794, 60.9087,
76.7437

431.9105,
427.9392, 503.3042

47.6276, 44.1515,
56.5322

110.9431,
106.1467, 130.5473

33.7421, 30.7896,
40.2230

140.4858,
135.3963, 164.9766

22.8575, 20.4387,
27.3973

174.8562,
169.5789, 204.9822

14.6084, 12.7143,
17.6368

214.4195,
209.0787, 250.9826

8.6296, 7.2321,
10.5228

259.5413,
254.2803, 303.3965

4.5555, 3.6077,
5.6368

310.5868,

2.0210, 1.4566,

305.5679, 362.6424

2.5603

367.9214,
363.3261, 429.1388

■ 0.6457, 0.2579,
0.8719

■ 0.0000, 0.0000,
0.0000

■ 64.8794, 60.9087,
76.7437

■ 64.8794, 60.9087,
76.7437

■ 59.4307, 51.1412,
71.4422

■ 71.1416, 72.2645,
82.4315

■ 54.7542, 42.8824,
66.5101

■ 78.2455, 85.2675,
88.5139

■ 50.8129, 36.0578,
61.9346

■ 83.3842, 94.3025,
94.0571

■ 47.5648, 30.5837,
57.7007

■ 84.1844, 94.6226,
98.2708

■ 44.9633, 26.3673,
53.7918

■ 85.0085, 94.9522,
102.6103

■ 42.9560, 23.3043,
50.1893

■ 85.8566, 95.2915,
107.0766

■ 41.4822, 21.2735,
46.8718

■ 86.1236, 95.3983,
108.4822

■ 40.4675, 20.1264,
43.8133

■ 40.0624, 19.7578,
42.3171

Harmonies

Analogous

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



62.0799, 60.9087, 86.2593



64.8794, 60.9087, 76.7437



65.7805, 60.9087, 65.2886

Triad

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



64.8794, 60.9087, 76.7437



57.5309, 60.9087, 46.9496



51.7600, 60.9087, 78.7386

Complementary

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



64.8794, 60.9087, 76.7437



61.3069, 71.9543, 67.1606

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.



50.6606, 60.9087, 67.3606



64.8794, 60.9087, 76.7437



53.8966, 60.9087, 49.7164

Square

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



64.8794, 60.9087, 76.7437



61.4258, 60.9087, 48.8663



51.4250, 60.9087, 56.8843



54.4962, 60.9087, 87.4997

Rectangle

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



64.8794, 60.9087, 76.7437



65.1516, 60.9087, 58.2928



51.4250, 60.9087, 56.8843



51.1925, 60.9087, 75.0506

Sweetspot

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



64.8812, 60.9114, 76.7450



91.4978, 93.5102, 105.8213



58.2710, 57.3776, 82.1336



19.4455, 19.7620, 22.5282



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.



64.8812, 60.9114, 76.7450



80.4243, 73.4537, 95.6853



62.7375, 60.0539, 65.4563



14.8424, 14.5542, 17.3707



22.9542, 11.3159, 24.4516



1.7314, 0.8503, 1.9922

Inverse Universe

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



64.8812, 60.9114, 76.7450



80.4243, 73.4537, 95.6853



63.4365, 72.8062, 78.3751



14.8424, 14.5542, 17.3707



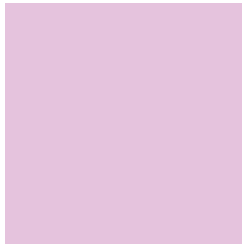
22.9542, 11.3159, 24.4516



1.7314, 0.8503, 1.9922

Previews

White Background



This preview shows how the XYZ color 64.8794, 60.9087, 76.7437 looks on a white background.

Color Contrast Check

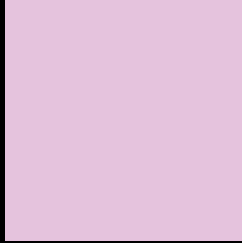
Large Text (above 18pt) WCAG AA × Fail

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 64.8794, 60.9087, 76.7437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

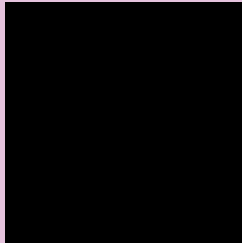
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8794, 60.9087, 76.7437

Background



This preview shows how black text looks on a background with the XYZ color 64.8794, 60.9087, 76.7437.



This preview shows how white text looks on a background with the XYZ color 64.8794, 60.9087,

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

64.8794, 60.9087, 76.7437

Protanopia

59.6775, 61.2333, 80.6254

Deuteranopia

62.2551, 60.9196, 76.1876



Tritanopia

63.8448, 61.1800, 70.7313

Trichromacy



Original Color

64.8794, 60.9087, 76.7437

Protanomaly

61.4926, 61.1522, 79.0835

Deuteranomaly

63.2366, 61.0851, 76.1678

Tritanomaly

64.0006, 60.8801, 72.6678

Monochromacy



Original Color

64.8794, 60.9087, 76.7437

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.6851, 62.1149, 71.6890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8794, 60.9087, 76.7437 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(229, 195, 221)` looks like.

```
.text, #text, p{  
    color:rgb(229, 195, 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(229, 195, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 195, 221) }
```

Border

The CSS property to change the border of an element to XYZ 64.8794, 60.9087, 76.7437 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(229, 195, 221) }
```


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

```
.border{ border-color:rgb(229, 195, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 195, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 195, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 195, 221);  
box-shadow:4px 4px 4px 4px rgb(229, 195,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8794, 60.9087, 76.7437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 195, 221) }
```

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

```
.background{ background-color: rgb(229,  
195, 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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