

Converting Colors

XYZ(64.2589, 54.9284, 82.6762)

Have a look what the booklet for
XYZ(64.2589, 54.9284, 82.6762)
contains.

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Color

**XYZ(64.0776, 54.7062,
82.7834)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB1E7
RGB	234, 177, 231
RGB Percent	92%, 69%, 91%
CMY	0.0823, 0.3059, 0.0941
CMYK	0.00, 0.24, 0.01, 0.08
HSL	303°, 58%, 81%
HSV	303°, 24%, 92%
XYZ	64.0776, 54.7062, 82.7834
YIQ	200.1990, 16.6380, 28.8780

Conversions

Conversions Part 2

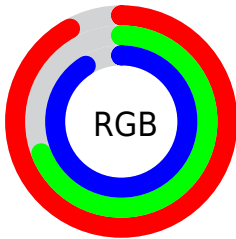
Format	Color
R_{YB}	234, 177, 231
Decimal	15380967
CIE _{Lab}	78.87, 29.49, -18.97
CIE _{LCh}	79, 35.065, 327.253
Yxy	54.7062, 0.3179, 0.2714
Android (android.graphics.Color)	4293571047 (0xFFEAB1E7)
YUV	200.1990, 15.1849, 29.6435
Hunter-Lab	73.9636, 25.2052, -14.5855

Details

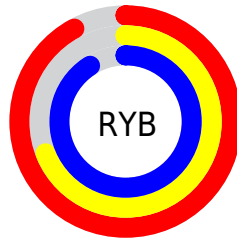
The XYZ color **64.0776, 54.7062, 82.7834** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.7947, 71.4897, 54.0412**, and the grayscale version is **54.9259, 57.7863, 62.9293**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **33.3056, 26.9754, 44.0088** is the 20% darker color. If you saturate the color by 10%, you get **59.6732, 46.1739, 80.4605**, and if you desaturate by 10%, it is **69.2790, 64.8287, 85.3793**.

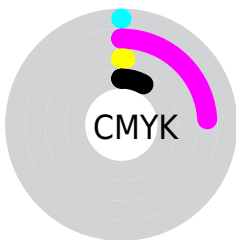
Distribution



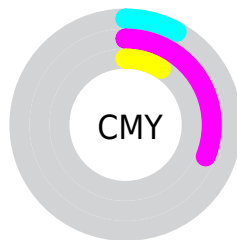
- Red (92%)
- Green (69%)
- Blue (91%)



- Red (92%)
- Yellow (69%)
- Blue (91%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0776, 54.7062, 82.7834 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 64.0776, 54.7062, 82.7834 by changing the saturation by 10% instead.


 64.0776, 54.7062,
82.7834

 64.0776, 54.7062,
82.7834


429.0676,
404.7973, 524.2164

 46.9754, 39.1665,
61.4719


 109.7958, 97.1104,
139.1186

 33.2241, 26.8893,
44.1731


139.1425,
124.7437, 174.9793

 22.4582, 17.4901,
30.4684


173.3015,
157.1769, 216.5269

 14.3125, 10.5845,
19.9393

212.6381,
194.7946, 264.1799

 8.4215, 5.7882,
12.1673

257.5177,
237.9811, 318.3568

 4.4199, 2.7167,
6.7338

308.3055,

 1.9423, 0.9857,

287.1208, 379.4762

3.2203

365.3671,
342.5980, 447.9565

■ 0.6012, 0.0000,
1.2082

■ 0.0000, 0.0000,
0.0000

■ 64.0776, 54.7062,
82.7834

■ 64.0776, 54.7062,
82.7834

■ 59.6732, 46.1739,
80.4605

■ 69.2790, 64.8287,
85.3793

■ 56.0204, 39.1438,
78.3935

■ 75.3100, 76.6093,
88.2571

■ 53.0769, 33.5303,
76.5690

■ 82.2074, 90.1207,
91.4298

■ 50.7941, 29.2363,
74.9707

■ 84.8221, 95.0646,
93.1810

49.1173, 26.1525,
73.5804

85.0016, 95.1365,
94.1266

47.9832, 24.1520,
72.3770

85.1824, 95.2088,
95.0787

47.3143, 23.0800,
71.3346

85.3645, 95.2816,
96.0373

47.0745, 22.7496,
70.7949

85.5478, 95.3549,
97.0025

85.7323, 95.4287,
97.9742

Harmonies

Analogous

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



58.3654, 54.7062, 100.5236



64.0776, 54.7062, 82.7834



66.5342, 54.7062, 61.4206

Triad

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



64.0776, 54.7062, 82.7834



52.6403, 54.7062, 28.9104



40.9889, 54.7062, 78.8861

Complementary

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



64.0776, 54.7062, 82.7834



55.7947, 71.4897, 54.0412

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.



39.7476, 54.7062, 57.7487



64.0776, 54.7062, 82.7834



46.1088, 54.7062, 31.5882

Square

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



64.0776, 54.7062, 82.7834



59.5729, 54.7062, 32.8063



41.5383, 54.7062, 41.1539



45.0916, 54.7062, 97.9437

Rectangle

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



64.0776, 54.7062, 82.7834



65.8454, 54.7062, 48.9110



41.5383, 54.7062, 41.1539



40.2400, 54.7062, 71.6653

Sweetspot

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



64.0793, 54.7086, 82.7846



89.4667, 89.0749, 106.2944



49.3633, 47.0729, 84.3272



19.0517, 18.8745, 22.7051



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.



64.0793, 54.7086, 82.7846



75.2035, 61.2999, 99.2238



60.3936, 53.2343, 63.3758



15.6786, 15.2993, 18.8586



26.4681, 12.7899, 39.8618



2.0889, 1.0085, 3.1855

Inverse Universe

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



64.0793, 54.7086, 82.7846



75.2035, 61.2999, 99.2238



58.9846, 72.7656, 70.8389



15.6786, 15.2993, 18.8586



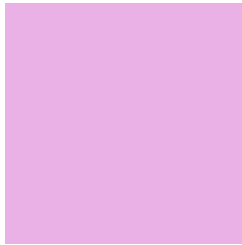
26.4681, 12.7899, 39.8618



2.0889, 1.0085, 3.1855

Previews

White Background



This preview shows how the XYZ color 64.0776, 54.7062, 82.7834 looks on a white background.

Color Contrast Check

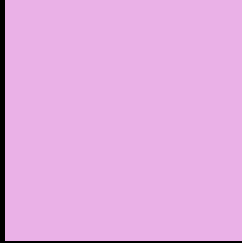
Large Text (above 18pt) WCAG AA × Fail

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 64.0776, 54.7062, 82.7834 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 64.0776, 54.7062, 82.7834

Background



This preview shows how black text looks on a background with the XYZ color 64.0776, 54.7062, 82.7834.



This preview shows how white text looks on a background with the XYZ color 64.0776, 54.7062,

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

64.0776, 54.7062, 82.7834

Protanopia

55.0860, 55.1847, 91.7528

Deuteranopia

56.1876, 55.0052, 81.0544



Tritanopia

59.3246, 54.5562, 60.2270

Trichromacy



Original Color

64.0776, 54.7062, 82.7834



Protanomaly

57.7730, 54.6960, 88.4013



Deuteranomaly

58.8531, 54.7720, 81.5989



Tritanomaly

60.9875, 54.6401, 67.6538

Monochromacy



Original Color

64.0776, 54.7062, 82.7834



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.7589, 56.3995, 69.4700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0776, 54.7062, 82.7834 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(234, 177, 231)` looks like.

```
.text, #text, p{  
    color:rgb(234, 177, 231)  
}
```

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(234, 177, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 177, 231) }
```

Border

The CSS property to change the border of an element to XYZ 64.0776, 54.7062, 82.7834 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(234, 177, 231) }
```


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

```
.border{ border-color:rgb(234, 177, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 177, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 177, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 177, 231);  
box-shadow:4px 4px 4px 4px rgb(234, 177,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0776, 54.7062, 82.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 177, 231) }
```

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

```
.background{ background-color: rgb(234,  
177, 231) }
```

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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