

# Converting Colors

XYZ(61.8106, 50.1722, 82.0277)

Have a look what the booklet for  
XYZ(61.8106, 50.1722, 82.0277)  
contains.

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# Color

**XYZ(61.8106, 50.1722,  
82.0277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAA5E7
RGB	234, 165, 231
RGB Percent	92%, 65%, 91%
CMY	0.0823, 0.3529, 0.0941
CMYK	0.00, 0.29, 0.01, 0.08
HSL	303°, 62%, 78%
HSV	303°, 29%, 92%
XYZ	61.8106, 50.1722, 82.0277
YIQ	193.1550, 19.9380, 35.1540

# Conversions

## Conversions Part 2

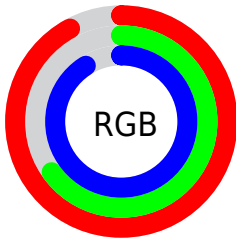
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	234, 165, 231
Decimal	15377895
CIE <sub>Lab</sub>	76.17, 35.88, -23.06
CIE <sub>LCh</sub>	76, 42.655, 327.274
Yxy	50.1722, 0.3186, 0.2586
Android (android.graphics.Color)	4293567975 (0xFFEAA5E7)
YUV	193.1550, 18.6576, 35.8211
Hunter-Lab	70.8323, 31.8083, -19.0784

# Details

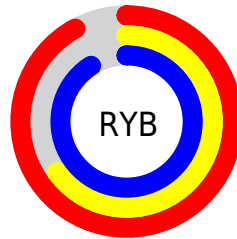
The XYZ color **61.8106, 50.1722, 82.0277** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0098, 69.6737, 47.7558**, and the grayscale version is **50.6666, 53.3052, 58.0493**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **31.6635, 24.0306, 43.5270** is the 20% darker color. If you saturate the color by 10%, you get **57.8271, 42.4336, 79.9933**, and if you desaturate by 10%, it is **66.5702, 59.4598, 84.3260**.

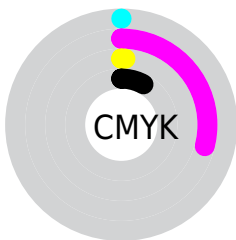
# Distribution



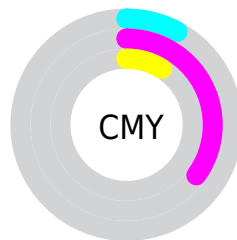
- Red (92%)
- Green (65%)
- Blue (91%)



- Red (92%)
- Yellow (65%)
- Blue (91%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (8%)




- Cyan (8%)
- Magenta (35%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8106, 50.1722, 82.0277 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 61.8106, 50.1722, 82.0277 by changing the saturation by 10% instead.



 61.8106, 50.1722,  
82.0277


 61.8106, 50.1722,  
82.0277


420.9685,  
387.3390, 521.6262

 45.1347, 35.5502,  
60.8524

 106.5432, 90.4300,  
138.0499

 31.7653, 24.0870,  
43.6763

 135.3307,  
116.8346, 173.7339

 21.3369, 15.3982,  
30.0808


168.8860,  
147.9355, 215.0911

 13.4844, 9.0993,  
19.6473

207.5746,  
184.1171, 262.5403

 7.8422, 4.8060,  
11.9574

251.7618,  
225.7639, 316.4998

 4.0451, 2.1339,  
6.5925

301.8129,

 1.7277, 0.6836,

273.2602, 377.3883

3.1340

358.0933,  
326.9904, 445.6243

■ 0.4735, 0.0000,  
1.1635

■ 0.0000, 0.0000,  
0.0000

■ 61.8106, 50.1722,  
82.0277

■ 61.8106, 50.1722,  
82.0277

■ 57.8271, 42.4336,  
79.9933

■ 66.5702, 59.4598,  
84.3260

■ 54.5728, 36.1531,  
78.2056

■ 72.1402, 70.3677,  
86.8980

■ 52.0032, 31.2405,  
76.6501

■ 78.5584, 82.9708,  
89.7569

■ 50.0667, 27.5930,  
75.3099

■ 84.6979, 95.0150,  
92.5270

48.7048, 25.0931,  
74.1652

84.8454, 95.0740,  
93.3040

47.8477, 23.6017,  
73.1929

84.9938, 95.1333,  
94.0854

47.3832, 22.8940,  
72.3556

85.1430, 95.1930,  
94.8713

47.3630, 22.8650,  
72.3139

85.2931, 95.2531,  
95.6616

85.4440, 95.3134,  
96.4563

# Harmonies

## Analogous

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



55.0774, 50.1722, 103.7958



61.8106, 50.1722, 82.0277



64.7332, 50.1722, 56.7480

# Triad

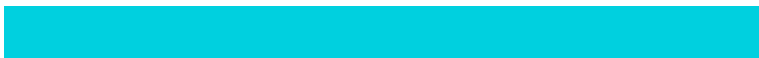
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.8106, 50.1722, 82.0277



48.4214, 50.1722, 21.4179



35.2967, 50.1722, 77.3671

# Complementary

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



61.8106, 50.1722, 82.0277



52.0098, 69.6737, 47.7558

# 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.



33.9317, 50.1722, 52.5634



61.8106, 50.1722, 82.0277



40.9895, 50.1722, 24.1169

# Square

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



61.8106, 50.1722, 82.0277



56.4821, 50.1722, 25.3504



35.8978, 50.1722, 34.1318



39.8562, 50.1722, 100.6192



# Rectangle

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



61.8106, 50.1722, 82.0277



63.9087, 50.1722, 42.5806



35.8978, 50.1722, 34.1318



34.4728, 50.1722, 68.7594

# Sweetspot

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



61.8122, 50.1744, 82.0288



88.0004, 86.1573, 105.7595



44.3085, 41.1015, 83.4411



18.6089, 17.9965, 22.5340



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.



61.8122, 50.1744, 82.0288



72.2621, 55.4142, 98.2523



57.4896, 48.4454, 59.2665



15.6849, 15.3018, 18.8918



26.6277, 12.8538, 40.7024



2.0997, 1.0128, 3.2424



# Inverse Universe

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



61.8122, 50.1744, 82.0288



72.2621, 55.4142, 98.2523



55.5788, 71.1013, 66.5497



15.6849, 15.3018, 18.8918



26.6277, 12.8538, 40.7024



2.0997, 1.0128, 3.2424



# Previews

## White Background



This preview shows how the XYZ color 61.8106, 50.1722, 82.0277 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

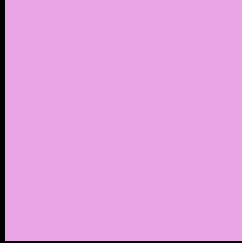
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.8106, 50.1722, 82.0277 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

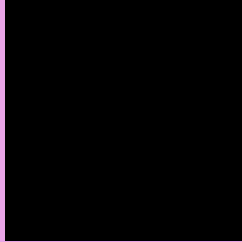
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 61.8106, 50.1722, 82.0277**

## **Background**



This preview shows how black text looks on a background with the XYZ color 61.8106, 50.1722, 82.0277.



This preview shows how white text looks on a background with the XYZ color 61.8106, 50.1722,



# 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

61.8106, 50.1722, 82.0277

### Protanopia

51.2067, 50.5423, 94.2455

### Deuteranopia

51.4991, 50.3918, 79.6853



## Tritanopia

55.9081, 49.9690, 53.7120

# Trichromacy



## Original Color

61.8106, 50.1722, 82.0277



## Protanomaly

54.3033, 49.7938, 89.9682



## Deuteranomaly

54.6276, 49.8831, 80.1480



## Tritanomaly

57.7873, 49.8842, 63.0828

# Monochromacy



## Original Color

61.8106, 50.1722, 82.0277



## Achromatopsia

50.6879, 53.3276, 58.0738



## Achromatomaly

54.2084, 51.7819, 66.1693

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.8106, 50.1722, 82.0277 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, 165, 231)` looks like.

```
.text, #text, p{  
    color:rgb(234, 165, 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, 165, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 165, 231) }
```

## Border

The CSS property to change the border of an element to XYZ 61.8106, 50.1722, 82.0277 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, 165, 231) }
```



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

```
.border{ border-color:rgb(234, 165, 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, 165, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 165, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 165, 231);  
box-shadow:4px 4px 4px 4px rgb(234, 165,  
231) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.8106, 50.1722, 82.0277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 165, 231) }
```

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

```
.background{ background-color: rgb(234,  
165, 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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