

# Converting Colors

XYZ(60.6513, 49.1499, 82.9103)

Have a look what the booklet for  
XYZ(60.6513, 49.1499, 82.9103)  
contains.

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# Color

**XYZ(60.6177, 49.0095,  
82.6088)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E7A3E8
RGB	231, 163, 232
RGB Percent	91%, 64%, 91%
CMY	0.0941, 0.3608, 0.0902
CMYK	0.00, 0.30, 0.00, 0.09
HSL	299°, 60%, 77%
HSV	299°, 30%, 91%
XYZ	60.6177, 49.0095, 82.6088
YIQ	191.1980, 18.3790, 35.8750

# Conversions

## Conversions Part 2

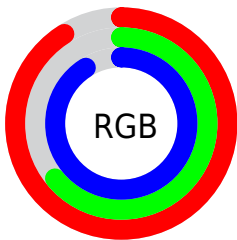
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 163, 232
Decimal	15180776
CIE Lab	75.46, 36.17, -24.73
CIE LCh	75, 43.816, 325.645
Yxy	49.0095, 0.3153, 0.2549
Android (android.graphics.Color)	4293370856 (0xFFE7A3E8)
YUV	191.1980, 20.1154, 34.9064
Hunter-Lab	70.0068, 32.0483, -20.9581

# Details

The XYZ color **60.6177, 49.0095, 82.6088** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.7789, 68.2513, 45.1502**, and the grayscale version is **49.5169, 52.0957, 56.7322**.

A 20% lighter version of the original color is **84.6215, 79.1430, 105.4238**, and **30.8680, 23.2851, 43.9419** is the 20% darker color. If you saturate the color by 10%, you get **56.7624, 41.4588, 81.3553**, and if you desaturate by 10%, it is **65.2319, 58.0758, 84.1163**.

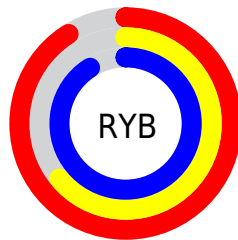
# Distribution



Red (91%)

Green (64%)

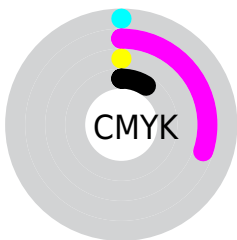
Blue (91%)



Red (91%)

Yellow (64%)

Blue (91%)

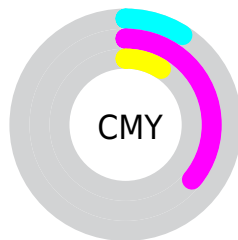


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (9%)



Cyan (9%)

Magenta (36%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6177, 49.0095, 82.6088 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 60.6177, 49.0095, 82.6088 by changing the saturation by 10% instead.




 60.6177, 49.0095,  
82.6088


 60.6177, 49.0095,  
82.6088


416.6692,  
382.7797, 523.6186

 44.1681, 34.6270,  
61.3287

 104.8265, 88.7056,  
138.8717

 31.0011, 23.3757,  
44.0583


 133.3163,  
114.7879, 174.6917

 20.7515, 14.8712,  
30.3788


166.5503,  
145.5391, 216.1954

 13.0539, 8.7290,  
19.8718

204.8937,  
181.3433, 263.8014

 7.5430, 4.5649,  
12.1187

248.7119,  
222.5851, 317.9281

 3.8532, 1.9943,  
6.7011

298.3704,

 1.6194, 0.6041,

269.6489, 378.9942

3.2003

354.2343,  
322.9189, 447.4182

■ 0.4050, 0.0000,  
1.1978

■ 0.0000, 0.0000,  
0.0000

■ 60.6177, 49.0095,  
82.6088

■ 60.6177, 49.0095,  
82.6088

■ 56.7624, 41.4588,  
81.3553

■ 65.2319, 58.0758,  
84.1163

■ 53.6200, 35.3345,  
80.3388

■ 70.6385, 68.7276,  
85.8873

■ 51.1467, 30.5481,  
79.5453

■ 76.8748, 81.0383,  
87.9349

■ 49.2919, 26.9986,  
78.9579

■ 83.7167, 94.5600,  
90.1842

47.9981, 24.5706,  
78.5575

83.8261, 94.6164,  
90.1893

47.1967, 23.1271,  
78.3211

83.9357, 94.6729,  
90.1944

46.7736, 22.4398,  
78.2107

84.0455, 94.7295,  
90.1996

46.7642, 22.4252,  
78.2084

84.1555, 94.7862,  
90.2047

84.2658, 94.8430,  
90.2099

# Harmonies

## Analogous

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



53.6330, 49.0095, 104.3499



60.6177, 49.0095, 82.6088



63.8497, 49.0095, 56.8130

# Triad

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



60.6177, 49.0095, 82.6088



47.7716, 49.0095, 20.1618



33.9357, 49.0095, 75.0234

# Complementary

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



60.6177, 49.0095, 82.6088



50.7789, 68.2513, 45.1502

# 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.



32.7473, 49.0095, 50.0556



60.6177, 49.0095, 82.6088



40.1779, 49.0095, 22.4675

# Square

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



60.6177, 49.0095, 82.6088



55.9088, 49.0095, 24.4191



34.8997, 49.0095, 31.9902



38.3549, 49.0095, 99.1558



# Rectangle

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



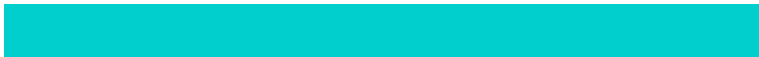
60.6177, 49.0095, 82.6088



63.1972, 49.0095, 42.2434



34.8997, 49.0095, 31.9902



33.1686, 49.0095, 66.2805

# Sweetspot

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



60.6193, 49.0116, 82.6098



88.0385, 86.1584, 106.5978



42.9741, 40.2198, 81.8428



18.6184, 17.9968, 22.7424



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.



60.6193, 49.0116, 82.6098



71.9353, 54.4942, 101.3348



56.6457, 47.4596, 59.9969



14.9734, 14.6040, 18.1740



25.9714, 12.4546, 43.4183



1.9259, 0.9238, 3.2088



# Inverse Universe

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



53.0784, 46.0327, 41.2117



61.1215, 50.2250, 41.8462



53.9662, 69.5024, 63.0065



14.3854, 14.3714, 14.9641



18.4892, 9.5299, 0.9392



1.3693, 0.7054, 0.0852



# Previews

## White Background



This preview shows how the XYZ color 60.6177, 49.0095, 82.6088 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

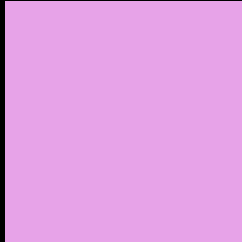
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.6177, 49.0095, 82.6088 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

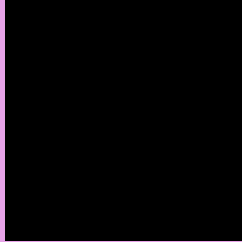
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 60.6177, 49.0095, 82.6088**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.6177, 49.0095, 82.6088.



This preview shows how white text looks on a background with the XYZ color 60.6177, 49.0095,

82.6088.

# 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

60.6177, 49.0095, 82.6088

### Protanopia

50.2912, 49.4314, 94.8863

### Deuteranopia

50.2600, 49.1246, 80.2318



## Tritanopia

54.5608, 49.0154, 52.4842

# Trichromacy



## Original Color

60.6177, 49.0095, 82.6088



## Protanomaly

53.2906, 48.6679, 90.5895



## Deuteranomaly

53.2922, 48.5964, 80.7000



## Tritanomaly

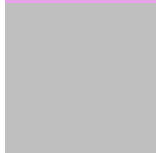
56.5272, 48.9711, 62.3502

# Monochromacy



## Original Color

60.6177, 49.0095, 82.6088



## Achromatopsia

49.5206, 52.0996, 56.7364



## Achromatomaly

53.1181, 50.6258, 65.3647

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.6177, 49.0095, 82.6088 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(231, 163, 232)` looks like.

```
.text, #text, p{  
    color:rgb(231, 163, 232)  
}
```

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(231, 163, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 163, 232) }
```

## Border

The CSS property to change the border of an element to XYZ 60.6177, 49.0095, 82.6088 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(231, 163, 232) }
```



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

```
.border{ border-color:rgb(231, 163, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 163, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 163, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 163, 232);  
box-shadow:4px 4px 4px 4px rgb(231, 163,  
232) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.6177, 49.0095, 82.6088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 163, 232) }
```

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

```
.background{ background-color: rgb(231,  
163, 232) }
```

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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