

Converting Colors

XYZ(62.6139, 49.6759, 87.1772)

Have a look what the booklet for
XYZ(62.6139, 49.6759, 87.1772)
contains.

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Color

**XYZ(62.6139, 49.6759,
87.1772)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA2EE
RGB	235, 162, 238
RGB Percent	92%, 64%, 93%
CMY	0.0784, 0.3647, 0.0667
CMYK	0.01, 0.32, 0.00, 0.07
HSL	298°, 69%, 78%
HSV	298°, 32%, 93%
XYZ	62.6139, 49.6759, 87.1772
YIQ	192.4910, 19.1120, 39.1120

Conversions

Conversions Part 2

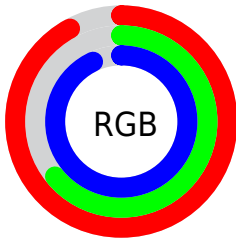
Format	Color
R _Y B	235, 162, 238
Decimal	15442670
CIE Lab	75.87, 39.07, -27.32
CIE LCh	76, 47.671, 325.037
Yxy	49.6759, 0.3139, 0.2490
Android (android.graphics.Color)	4293632750 (0xFFEBA2EE)
YUV	192.4910, 22.4359, 37.2804
Hunter-Lab	70.4811, 35.2335, -23.9982

Details

The XYZ color **62.6139, 49.6759, 87.1772** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.6149, 71.7583, 45.2625**, and the grayscale version is **50.2563, 52.8736, 57.5793**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **32.2722, 23.7797, 47.1450** is the 20% darker color. If you saturate the color by 10%, you get **58.5028, 41.9120, 85.8960**, and if you desaturate by 10%, it is **67.5231, 59.0317, 88.7250**.

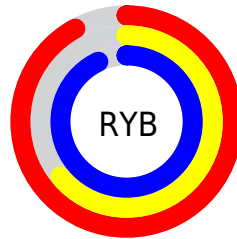
Distribution



Red (92%)

Green (64%)

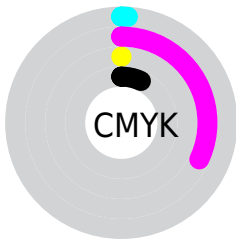
Blue (93%)



Red (92%)

Yellow (64%)

Blue (93%)

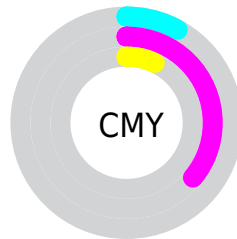


Cyan (1%)

Magenta (32%)

Yellow (0%)

Black (7%)



Cyan (8%)


Magenta (36%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6139, 49.6759, 87.1772 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 62.6139, 49.6759, 87.1772 by changing the saturation by 10% instead.

 62.6139, 49.6759,
87.1772


 62.6139, 49.6759,
87.1772


423.8489,
385.3972, 539.1363

 45.7864, 35.1559,
65.0814

 107.6972, 89.6945,
145.3121

 32.2812, 23.7830,
47.0753

 136.6838,
115.9619, 182.1884

 21.7330, 15.1727,
32.7404


170.4541,
146.9140, 224.8285

 13.7763, 8.9407,
21.6582

209.3734,
182.9350, 273.6510

 8.0459, 4.7025,
13.4100

253.8072,
224.4095, 329.0745

 4.1764, 2.0738,
7.5775

304.1208,

 1.8024, 0.6498,

271.7217, 391.5176

3.7419

360.6796,
325.2561, 461.3986

■ 0.5191, 0.0000,
1.4849

■ 0.0000, 0.0000,
0.2066

■ 62.6139, 49.6759,
87.1772

■ 62.6139, 49.6759,
87.1772

■ 58.5028, 41.9120,
85.8960

■ 67.5231, 59.0317,
88.7250

■ 55.1403, 35.6437,
84.8633

■ 73.2671, 70.0556,
90.5501

■ 52.4785, 30.7745,
84.0638

■ 79.8860, 82.8268,
92.6664

■ 50.4622, 27.1939,
83.4789

■ 86.7080, 96.0019,
94.8498

49.0279, 24.7747,
83.0876

87.0256, 96.1656,
94.8647

48.0990, 23.3640,
82.8642

87.3448, 96.3301,
94.8796

47.6208, 22.7666,
82.7741

87.6656, 96.4956,
94.8947

87.9881, 96.6618,
94.9098

88.3123, 96.8289,
94.9249

Harmonies

Analogous

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



54.8058, 49.6759, 111.4967



62.6139, 49.6759, 87.1772



66.3223, 49.6759, 58.4242

Triad

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



62.6139, 49.6759, 87.1772



48.7060, 49.6759, 18.5659



33.3897, 49.6759, 77.5002

Complementary

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



62.6139, 49.6759, 87.1772



52.6149, 71.7583, 45.2625

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.



32.1835, 49.6759, 49.9730



62.6139, 49.6759, 87.1772



40.3604, 49.6759, 20.8106

Square

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



62.6139, 49.6759, 87.1772



57.6765, 49.6759, 23.1264



34.5744, 49.6759, 30.6527



38.1026, 49.6759, 104.7930

Rectangle

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



62.6139, 49.6759, 87.1772



65.6722, 49.6759, 42.3820



34.5744, 49.6759, 30.6527



32.5879, 49.6759, 67.7738

Sweetspot

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



62.6155, 49.6781, 87.1783



87.0786, 84.6053, 106.3487



43.9349, 41.0567, 86.4987



18.4166, 17.6820, 22.6922



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.



62.6155, 49.6781, 87.1783



70.1409, 52.2497, 100.9961



59.0569, 48.3700, 63.2266



16.3890, 15.9978, 19.9457



26.5945, 12.7153, 46.1805



2.2315, 1.0676, 3.8427

Inverse Universe

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



54.9734, 46.7366, 41.7232



59.9988, 48.3538, 40.3181



55.4632, 72.8263, 63.4797



15.7981, 15.7689, 16.4929



19.7112, 10.1569, 1.1297



1.6486, 0.8485, 0.1405

Previews

White Background



This preview shows how the XYZ color 62.6139, 49.6759, 87.1772 looks on a white background.

Color Contrast Check

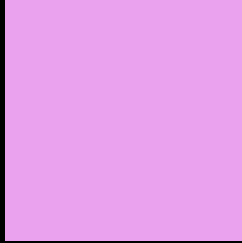
Large Text (above 18pt) WCAG AA × Fail

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 62.6139, 49.6759, 87.1772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

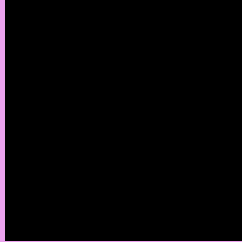
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6139, 49.6759, 87.1772

Background



This preview shows how black text looks on a background with the XYZ color 62.6139, 49.6759, 87.1772.



This preview shows how white text looks on a background with the XYZ color 62.6139, 49.6759,

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

62.6139, 49.6759, 87.1772

Protanopia

51.3353, 50.1334, 101.5788

Deuteranopia

51.2832, 50.1666, 84.8221



Tritanopia

55.6104, 49.5442, 53.0864

Trichromacy



Original Color

62.6139, 49.6759, 87.1772



Protanomaly

54.5593, 49.4903, 96.2995



Deuteranomaly

54.6081, 49.4663, 85.2671



Tritanomaly

57.9771, 49.4020, 64.2374

Monochromacy



Original Color

62.6139, 49.6759, 87.1772



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

54.0449, 51.0611, 67.3289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6139, 49.6759, 87.1772 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(235, 162, 238)` looks like.

```
.text, #text, p{  
    color:rgb(235, 162, 238)  
}
```

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(235, 162, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 162, 238) }
```

Border

The CSS property to change the border of an element to XYZ 62.6139, 49.6759, 87.1772 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(235, 162, 238) }
```


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

```
.border{ border-color:rgb(235, 162, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 162, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 162, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 162, 238);  
box-shadow:4px 4px 4px 4px rgb(235, 162,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6139, 49.6759, 87.1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 162, 238) }
```

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

```
.background{ background-color: rgb(235,  
162, 238) }
```

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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