

Converting Colors

XYZ(61.0772, 49.1011, 79.4374)

Have a look what the booklet for
XYZ(61.0772, 49.1011, 79.4374)
contains.

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Color

**XYZ(61.1849, 49.1043,
79.6521)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA2E4
RGB	235, 162, 228
RGB Percent	92%, 64%, 89%
CMY	0.0784, 0.3647, 0.1059
CMYK	0.00, 0.31, 0.03, 0.08
HSL	306°, 65%, 78%
HSV	306°, 31%, 92%
XYZ	61.1849, 49.1043, 79.6521
YIQ	191.3510, 22.3220, 36.0020

Conversions

Conversions Part 2

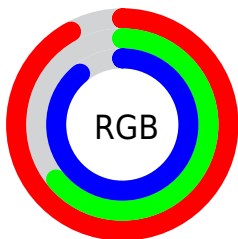
Format	Color
R _Y B	235, 162, 228
Decimal	15442660
CIE Lab	75.52, 37.26, -22.42
CIE LCh	76, 43.484, 328.959
Yxy	49.1043, 0.3221, 0.2585
Android (android.graphics.Color)	4293632740 (0xFFEBA2E4)
YUV	191.3510, 18.0680, 38.2802
Hunter-Lab	70.0745, 33.2254, -18.3415

Details

The XYZ color **61.1849, 49.1043, 79.6521** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.7721, 69.9642, 48.3148**, and the grayscale version is **49.6156, 52.1995, 56.8452**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **31.2751, 23.3808, 41.8943** is the 20% darker color. If you saturate the color by 10%, you get **57.1154, 41.4618, 76.7625**, and if you desaturate by 10%, it is **66.0351, 58.2997, 82.8231**.

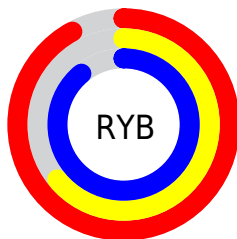
Distribution



Red (92%)

Green (64%)

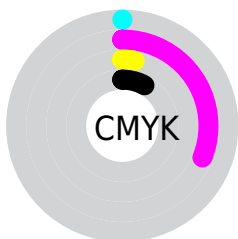
Blue (89%)



Red (92%)

Yellow (64%)

Blue (89%)

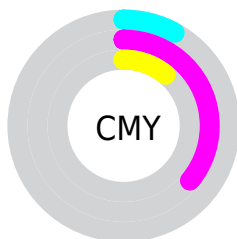


Cyan (0%)

Magenta (31%)

Yellow (3%)

Black (8%)



Cyan (8%)


Magenta (36%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1849, 49.1043, 79.6521 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 61.1849, 49.1043, 79.6521 by changing the saturation by 10% instead.


 61.1849, 49.1043,
79.6521


 61.1849, 49.1043,
79.6521


418.7167,
383.1528, 513.4354

 44.6275, 34.7022,
58.9076


 105.6432, 88.8463,
134.6835

 31.3642, 23.4336,
42.1192

 134.2748,
114.9551, 169.8074

 21.0295, 14.9140,
28.8684


167.6619,
145.7349, 210.5617

 13.2581, 8.7590,
18.7366

206.1698,
181.5701, 257.3647

 7.6848, 4.5844,
11.3052

250.1639,
222.8450, 310.6350

 3.9440, 2.0055,
6.1558

300.0095,

 1.6705, 0.6107,

269.9442, 370.7912

2.8697

356.0720,
323.2520, 438.2519

■ 0.4377, 0.0000,
1.0285

■ 0.0000, 0.0000,
0.0000

■ 61.1849, 49.1043,
79.6521

■ 61.1849, 49.1043,
79.6521

■ 57.1154, 41.4618,
76.7625

■ 66.0351, 58.2997,
82.8231

■ 53.7787, 35.2794,
74.1366

■ 71.7011, 69.1213,
86.2858

■ 51.1290, 30.4645,
71.7598

■ 78.2217, 81.6453,
90.0536

■ 49.1132, 26.9110,
69.6141

■ 85.3098, 95.2978,
94.0309

47.6706, 24.4975,
67.6793

85.6413, 95.4303,
95.7764

46.7285, 23.0785,
65.9311

85.9769, 95.5646,
97.5438

46.2038, 22.4394,
64.4910

86.3167, 95.7005,
99.3331

86.6607, 95.8381,
101.1445

87.0088, 95.9774,
102.9780

Harmonies

Analogous

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



54.5514, 49.1043, 102.2182



61.1849, 49.1043, 79.6521



63.8676, 49.1043, 54.2731

Triad

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



61.1849, 49.1043, 79.6521



46.9531, 49.1043, 20.3293



34.4281, 49.1043, 77.8520

Complementary

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



61.1849, 49.1043, 79.6521



51.7721, 69.9642, 48.3148

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.



32.8785, 49.1043, 52.6674



61.1849, 49.1043, 79.6521



39.5907, 49.1043, 23.3661

Square

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



61.1849, 49.1043, 79.6521



55.0919, 49.1043, 23.8315



34.6575, 49.1043, 33.7585



39.1572, 49.1043, 100.9866

Rectangle

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



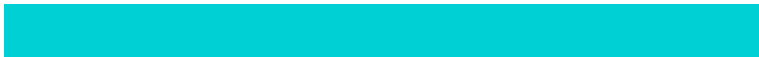
61.1849, 49.1043, 79.6521



62.8441, 49.1043, 40.3522



34.6575, 49.1043, 33.7585



33.5438, 49.1043, 69.1521

Sweetspot

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



61.1864, 49.1065, 79.6531



87.8083, 86.0804, 104.7480



44.0842, 40.1754, 84.0295



18.5612, 17.9774, 22.2828



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.



61.1864, 49.1065, 79.6531



70.5509, 53.2784, 93.7152



56.7438, 47.3294, 56.2585



15.6489, 15.2874, 18.7024



25.7404, 12.4988, 36.0298



2.0394, 0.9887, 2.9247

Inverse Universe

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



61.1864, 49.1065, 79.6531



70.5509, 53.2784, 93.7152



55.5797, 71.4873, 68.3653



15.6489, 15.2874, 18.7024



25.7404, 12.4988, 36.0298



2.0394, 0.9887, 2.9247

Previews

White Background



This preview shows how the XYZ color 61.1849, 49.1043, 79.6521 looks on a white background.

Color Contrast Check

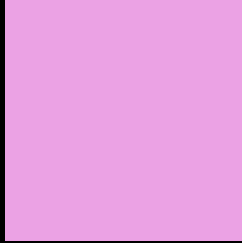
Large Text (above 18pt) WCAG AA × Fail

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 61.1849, 49.1043, 79.6521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

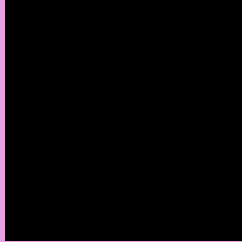
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1849, 49.1043, 79.6521

Background



This preview shows how black text looks on a background with the XYZ color 61.1849, 49.1043, 79.6521.



This preview shows how white text looks on a background with the XYZ color 61.1849, 49.1043,

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

61.1849, 49.1043, 79.6521

Protanopia

50.0472, 49.3587, 92.4774

Deuteranopia

50.4322, 49.2768, 77.3743



Tritanopia

55.5277, 49.2445, 51.9259

Trichromacy



Original Color

61.1849, 49.1043, 79.6521



Protanomaly

53.2061, 48.6930, 87.4834



Deuteranomaly

53.8224, 48.9336, 77.8425



Tritanomaly

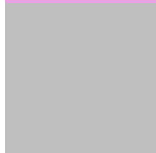
57.3830, 49.1643, 61.1088

Monochromacy



Original Color

61.1849, 49.1043, 79.6521



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.9525, 50.2675, 64.0385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1849, 49.1043, 79.6521 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(235, 162, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 162, 228) }
```

Border

The CSS property to change the border of an element to XYZ 61.1849, 49.1043, 79.6521 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, 228) }
```


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

```
.border{ border-color:rgb(235, 162, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 162, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 162, 228);  
box-shadow:4px 4px 4px 4px rgb(235, 162,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1849, 49.1043, 79.6521 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, 228) }
```

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

```
.background{ background-color: rgb(235,  
162, 228) }
```

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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