

Converting Colors

XYZ(60.7672, 49.7929, 74.8148)

Have a look what the booklet for
XYZ(60.7672, 49.7929, 74.8148)
contains.

XYZ(60.7672, 49.7929, 74.8148)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.7672, 49.7929,
74.8148)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA5DD
RGB	235, 165, 221
RGB Percent	92%, 65%, 87%
CMY	0.0784, 0.3529, 0.1333
CMYK	0.00, 0.30, 0.06, 0.08
HSL	312°, 64%, 78%
HSV	312°, 30%, 92%
XYZ	60.7672, 49.7929, 74.8148
YIQ	192.3140, 23.7440, 32.2560

Conversions

Conversions Part 2

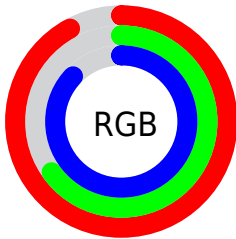
Format	Color
R_{YB}	235, 165, 221
Decimal	15443421
CIE Lab	75.94, 34.44, -17.96
CIE LCh	76, 38.841, 332.452
Yxy	49.7929, 0.3278, 0.2686
Android (android.graphics.Color)	4293633501 (0xFFEBA5DD)
YUV	192.3140, 14.1422, 37.4356
Hunter-Lab	70.5641, 30.2305, -13.4667

Details

The XYZ color **60.7672, 49.7929, 74.8148** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.3641, 70.6721, 53.4793**, and the grayscale version is **50.1979, 52.8121, 57.5124**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **31.0372, 23.8065, 39.0357** is the 20% darker color. If you saturate the color by 10%, you get **56.2945, 41.8349, 70.2776**, and if you desaturate by 10%, it is **66.0393, 59.3198, 79.7060**.

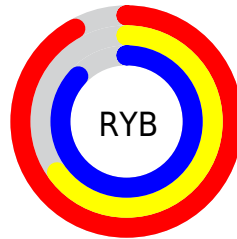
Distribution



Red (92%)

Green (65%)

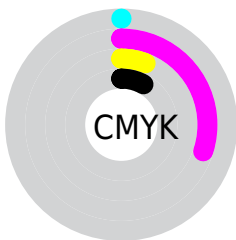
Blue (87%)



Red (92%)

Yellow (65%)

Blue (87%)

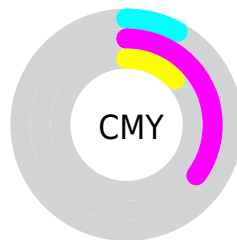


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (8%)



Cyan (8%)

Magenta (35%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7672, 49.7929, 74.8148 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 60.7672, 49.7929, 74.8148 by changing the saturation by 10% instead.


 60.7672, 49.7929,
74.8148


 60.7672, 49.7929,
74.8148


417.2095,
385.8555, 496.5192

 44.2891, 35.2489,
54.9604

 105.0418, 89.8680,
127.7949

 31.0968, 23.8546,
38.9716


 133.5691,
116.1678, 161.7576

 20.8247, 15.2258,
26.4300

166.8435,
147.1550, 201.2601

 13.1077, 8.9780,
16.9169

205.2303,
183.2139, 246.7210

 7.5802, 4.7269,
10.0140

249.0950,
224.7291, 298.5588

 3.8771, 2.0879,
5.3025

298.8028,

 1.6328, 0.6578,

272.0848, 357.1921

2.3640

354.7192,
325.6655, 423.0394

■ 0.4137, 0.0000,
0.7667

■ 0.0000, 0.0000,
0.0000

■ 60.7672, 49.7929,
74.8148

■ 60.7672, 49.7929,
74.8148

■ 56.2945, 41.8349,
70.2776

■ 66.0393, 59.3198,
79.7060

■ 52.5737, 35.3538,
66.0763

■ 72.1457, 70.4880,
84.9621

■ 49.5593, 30.2580,
62.1956

■ 79.1248, 83.3732,
90.5969

■ 47.1992, 26.4432,
58.6174

■ 85.7202, 95.4619,
96.1923

45.4335, 23.7901,
55.3210

86.4269, 95.7446,
99.9142

44.1912, 22.1571,
52.2821

87.1519, 96.0346,
103.7319

43.3545, 21.3084,
49.4605

87.8953, 96.3319,
107.6463

43.3381, 21.2931,
49.4013

88.0713, 96.4024,
108.5734

Harmonies

Analogous

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



55.1929, 49.7929, 95.2769



60.7672, 49.7929, 74.8148



62.6347, 49.7929, 52.5290

Triad

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



60.7672, 49.7929, 74.8148



46.7339, 49.7929, 23.3520



36.5288, 49.7929, 78.5347

Complementary

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



60.7672, 49.7929, 74.8148



53.3641, 70.6721, 53.4793

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.



34.7412, 49.7929, 55.9387



60.7672, 49.7929, 74.8148



40.2458, 49.7929, 27.0611

Square

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



60.7672, 49.7929, 74.8148



54.0584, 49.7929, 26.0025



36.0302, 49.7929, 37.7945



41.1783, 49.7929, 97.7811

Rectangle

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



60.7672, 49.7929, 74.8148



61.3871, 49.7929, 40.3761



36.0302, 49.7929, 37.7945



35.5960, 49.7929, 70.9042

Sweetspot

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



60.7687, 49.7951, 74.8158



87.4303, 85.9292, 102.7576



47.0432, 42.4947, 84.3210



18.4675, 17.9399, 21.7894



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.



60.7687, 49.7951, 74.8158



69.6060, 53.6188, 86.5251



56.5808, 48.1200, 52.7627



15.5782, 15.2591, 18.3300



24.1661, 11.8691, 27.7396



1.9304, 0.9451, 2.3507

Inverse Universe

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



60.7687, 49.7951, 74.8158



69.6060, 53.6188, 86.5251



57.3648, 72.2724, 74.5465



15.5782, 15.2591, 18.3300



24.1661, 11.8691, 27.7396



1.9304, 0.9451, 2.3507

Previews

White Background



This preview shows how the XYZ color 60.7672, 49.7929, 74.8148 looks on a white background.

Color Contrast Check

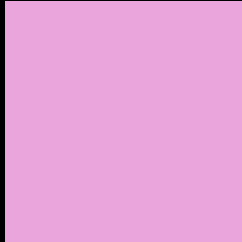
Large Text (above 18pt) WCAG AA × Fail

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 60.7672, 49.7929, 74.8148 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 60.7672, 49.7929, 74.8148

Background



This preview shows how black text looks on a background with the XYZ color 60.7672, 49.7929, 74.8148.



This preview shows how white text looks on a background with the XYZ color 60.7672, 49.7929,

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

60.7672, 49.7929, 74.8148

Protanopia

50.4588, 50.3461, 85.6556

Deuteranopia

51.0742, 50.0053, 73.2898



Tritanopia

56.1426, 49.8308, 52.5582

Trichromacy



Original Color

60.7672, 49.7929, 74.8148



Protanomaly

53.2293, 49.4243, 81.5973



Deuteranomaly

54.0436, 49.4305, 73.7105



Tritanomaly

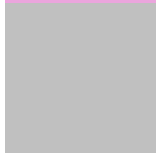
57.6597, 49.6090, 59.9626

Monochromacy



Original Color

60.7672, 49.7929, 74.8148



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.5199, 51.1776, 63.5574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7672, 49.7929, 74.8148 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, 165, 221)` looks like.

```
.text, #text, p{  
    color:rgb(235, 165, 221)  
}
```

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, 165, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 165, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.7672, 49.7929, 74.8148 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, 165, 221) }
```


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

```
.border{ border-color:rgb(235, 165, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 165, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 165, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 165, 221);  
box-shadow:4px 4px 4px 4px rgb(235, 165,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7672, 49.7929, 74.8148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 165, 221) }
```

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

```
.background{ background-color: rgb(235,  
165, 221) }
```

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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