

Converting Colors

XYZ(60.3227, 48.9020, 74.4071)

Have a look what the booklet for
XYZ(60.3227, 48.9020, 74.4071)
contains.

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Color

**XYZ(60.2324, 48.7233,
74.6366)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA2DD
RGB	235, 162, 221
RGB Percent	92%, 64%, 87%
CMY	0.0784, 0.3647, 0.1333
CMYK	0.00, 0.31, 0.06, 0.08
HSL	312°, 65%, 78%
HSV	312°, 31%, 92%
XYZ	60.2324, 48.7233, 74.6366
YIQ	190.5530, 24.5690, 33.8250

Conversions

Conversions Part 2

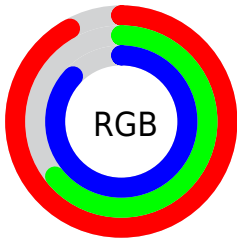
Format	Color
R _Y B	235, 162, 221
Decimal	15442653
CIE Lab	75.28, 36.03, -18.97
CIE LCh	75, 40.715, 332.236
Yxy	48.7233, 0.3281, 0.2654
Android (android.graphics.Color)	4293632733 (0xFFEBA2DD)
YUV	190.5530, 15.0104, 38.9800
Hunter-Lab	69.8021, 31.8745, -14.5350

Details

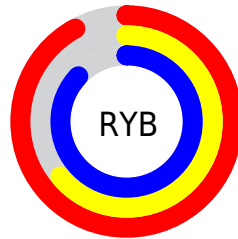
The XYZ color **60.2324, 48.7233, 74.6366** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.4471, 70.2341, 51.8695**, and the grayscale version is **49.1699, 51.7306, 56.3346**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **30.7117, 23.1554, 38.9272** is the 20% darker color. If you saturate the color by 10%, you get **55.8811, 40.9681, 70.2634**, and if you desaturate by 10%, it is **65.3763, 58.0362, 79.3546**.

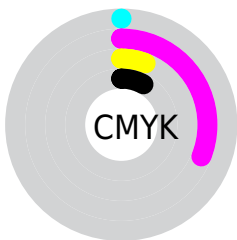
Distribution



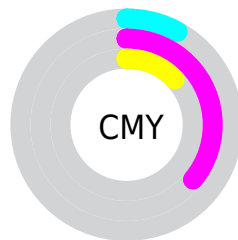
- Red (92%)
- Green (64%)
- Blue (87%)



- Red (92%)
- Yellow (64%)
- Blue (87%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (8%)





- Cyan (8%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2324, 48.7233, 74.6366 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 60.2324, 48.7233, 74.6366 by changing the saturation by 10% instead.


 60.2324, 48.7233,
74.6366


 60.2324, 48.7233,
74.6366


415.2749,
381.6520, 495.8896

 43.8562, 34.4000,
54.8153


 104.2711, 88.2804,
127.5402

 30.7549, 23.2011,
38.8563


 132.6644,
114.2829, 161.4595

 20.5632, 14.7421,
26.3410

165.7940,
144.9474, 200.9153

 12.9157, 8.6386,
16.8508

204.0253,
180.6582, 246.3261

 7.4471, 4.5062,
9.9674

247.7237,
221.7996, 298.1104

 3.7921, 1.9606,
5.2720

297.2545,

 1.5852, 0.5844,

268.7561, 356.6867

2.3462

352.9831,
321.9121, 422.4736

■ 0.3827, 0.0000,
0.7569

■ 0.0000, 0.0000,
0.0000

■ 60.2324, 48.7233,
74.6366

■ 60.2324, 48.7233,
74.6366

■ 55.8811, 40.9681,
70.2634

■ 65.3763, 58.0362,
79.3546

■ 52.2746, 34.6778,
66.2169


■ 71.3483, 68.9801,
84.4283


■ 49.3669, 29.7597,
62.4816


■ 78.1870, 81.6314,
89.8716


■ 47.1049, 26.1077,
59.0393


■ 85.6057, 95.4161,
95.5896


 45.4277, 23.6003,
55.8689


 86.2802, 95.6859,
99.1415

 44.2625, 22.0920,
52.9455

 86.9714, 95.9624,
102.7814

 43.5479, 21.3770,
50.5057

 87.6795, 96.2456,
106.5101

 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.



54.4099, 48.7233, 96.0572



60.2324, 48.7233, 74.6366



62.2129, 48.7233, 51.4613

Triad

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



60.2324, 48.7233, 74.6366



45.7515, 48.7233, 21.6275



35.1825, 48.7233, 78.1844

Complementary

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



60.2324, 48.7233, 74.6366



52.4471, 70.2341, 51.8695

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.



33.3782, 48.7233, 54.6739



60.2324, 48.7233, 74.6366



39.0568, 48.7233, 25.2888

Square

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



60.2324, 48.7233, 74.6366



53.3354, 48.7233, 24.3212



34.7176, 48.7233, 36.0894



39.9303, 48.7233, 98.4631

Rectangle

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



60.2324, 48.7233, 74.6366



60.9334, 48.7233, 38.9458



34.7176, 48.7233, 36.0894



34.2361, 48.7233, 70.2079

Sweetspot

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



60.2339, 48.7255, 74.6376



87.4600, 85.9411, 102.9138



45.6833, 40.9998, 84.1041



18.4749, 17.9429, 21.8281



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.



60.2339, 48.7255, 74.6376



69.1959, 52.7364, 86.5796



55.9523, 47.0129, 52.0912



15.5837, 15.2613, 18.3592



24.2815, 11.9153, 28.3473



1.9385, 0.9484, 2.3934

Inverse Universe

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



60.2339, 48.7255, 74.6376



69.1959, 52.7364, 86.5796



56.4793, 71.8469, 73.1029



15.5837, 15.2613, 18.3592



24.2815, 11.9153, 28.3473



1.9385, 0.9484, 2.3934

Previews

White Background



This preview shows how the XYZ color 60.2324, 48.7233, 74.6366 looks on a white background.

Color Contrast Check

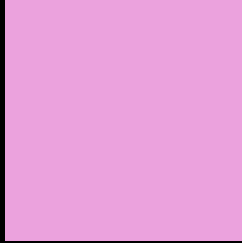
Large Text (above 18pt) WCAG AA × Fail

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 60.2324, 48.7233, 74.6366 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 60.2324, 48.7233, 74.6366

Background



This preview shows how black text looks on a background with the XYZ color 60.2324, 48.7233, 74.6366.



This preview shows how white text looks on a background with the XYZ color 60.2324, 48.7233,

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

60.2324, 48.7233, 74.6366

Protanopia

49.5144, 49.2213, 86.2479

Deuteranopia

49.7873, 48.7489, 72.4310



Tritanopia

55.2646, 48.5763, 50.7194

Trichromacy



Original Color

60.2324, 48.7233, 74.6366



Protanomaly

52.7141, 48.5560, 82.1952



Deuteranomaly

52.9678, 48.3132, 72.8633



Tritanomaly

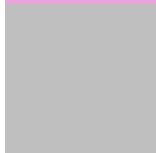
56.8787, 48.4138, 58.5715

Monochromacy



Original Color

60.2324, 48.7233, 74.6366



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.7141, 50.1722, 62.7830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2324, 48.7233, 74.6366 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(235, 162, 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, 162, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 162, 221) }
```

Border

The CSS property to change the border of an element to XYZ 60.2324, 48.7233, 74.6366 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, 221) }
```


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

```
.border{ border-color:rgb(235, 162, 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, 162, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 162, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 162, 221);  
box-shadow:4px 4px 4px 4px rgb(235, 162,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2324, 48.7233, 74.6366 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, 221) }
```

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

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