

Converting Colors

XYZ(65.7875, 49.0442, 75.8111)

Have a look what the booklet for
XYZ(65.7875, 49.0442, 75.8111)
contains.

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Color

**XYZ(65.7875, 49.0442,
75.8111)**

Conversions

Conversions Part 1

Format	Color
Hex	FF98DF
RGB	255, 152, 223
RGB Percent	100%, 60%, 87%
CMY	0.0000, 0.4039, 0.1255
CMYK	0.00, 0.40, 0.13, 0.00
HSL	319°, 100%, 80%
HSV	319°, 40%, 100%
XYZ	65.7875, 49.0442, 75.8111
YIQ	190.8910, 38.5970, 43.9170

Conversions

Conversions Part 2

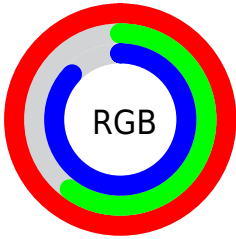
Format	Color
RYB	255, 152, 223
Decimal	16750815
CIELab	75.48, 47.98, -19.54
CIElCh	75, 51.809, 337.840
Yxy	49.0442, 0.3451, 0.2573
Android (android.graphics.Color)	4294940895 (0xFFFF98DF)
YUV	190.8910, 15.8297, 56.2236
Hunter-Lab	70.0316, 45.1273, -15.1610

Details

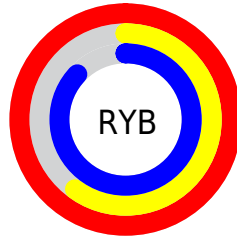
The XYZ color **65.7875, 49.0442, 75.8111** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.3624, 81.6569, 58.0885**, and the grayscale version is **49.3549, 51.9252, 56.5466**.

A 20% lighter version of the original color is **81.8459, 73.5918, 104.4986**, and **34.4615, 23.4328, 39.7525** is the 20% darker color. If you saturate the color by 10%, you get **61.0416, 41.2219, 69.0821**, and if you desaturate by 10%, it is **71.4753, 58.6699, 83.1019**.

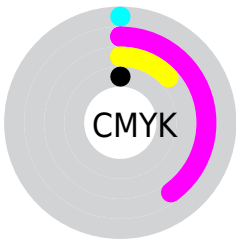
Distribution



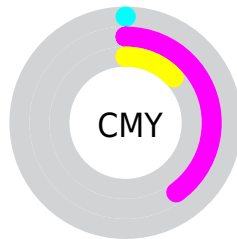
- Red (100%)
- Green (60%)
- Blue (87%)



- Red (100%)
- Yellow (60%)
- Blue (87%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7875, 49.0442, 75.8111 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 65.7875, 49.0442, 75.8111 by changing the saturation by 10% instead.


 65.7875, 49.0442,
75.8111


 65.7875, 49.0442,
75.8111


435.1171,
382.9163, 500.0304

 48.3670, 34.6545,
55.7719

 112.2407, 88.7571,
129.2175

 34.3301, 23.3969,
39.6173


 142.0041,
114.8491, 163.4218

 23.3114, 14.8868,
26.9288


176.6125,
145.6107, 203.1848

 14.9455, 8.7400,
17.2878

216.4313,
181.4263, 248.9251

 8.8672, 4.5720,
10.2758

261.8258,
222.6803, 301.0613

 4.7111, 1.9984,
5.4742

313.1614,

 2.1118, 0.6065,

269.7570, 360.0119

2.4645

370.8034,
323.0409, 426.1954

■ 0.6956, 0.0000,
0.8213

■ 0.0000, 0.0000,
0.0000

■ 65.7875, 49.0442,
75.8111

■ 65.7875, 49.0442,
75.8111

■ 61.0416, 41.2219,
69.0821

■ 71.4753, 58.6699,
83.1019

■ 57.1758, 35.0812,
62.8891

■ 78.1547, 70.1978,
90.9725

■ 54.1264, 30.4955,
57.2082

■ 85.8757, 83.7270,
99.4434

■ 51.8191, 27.3170,
52.0111

94.6842, 99.3478,
108.5330

■ 50.1648, 25.3694,
47.2645

95.0500, 100.0000,
108.9000

■ 49.0541, 24.3856,
43.0786

Harmonies

Analogous

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



58.8203, 49.0442, 106.6725



65.7875, 49.0442, 75.8111



67.2904, 49.0442, 46.5391

Triad

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



65.7875, 49.0442, 75.8111



44.1532, 49.0442, 16.3930



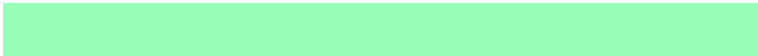
33.5576, 49.0442, 92.6261

Complementary

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



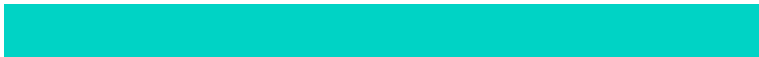
65.7875, 49.0442, 75.8111



57.3624, 81.6569, 58.0885

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.



30.6786, 49.0442, 60.9058



65.7875, 49.0442, 75.8111



36.2270, 49.0442, 21.6908

Square

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



65.7875, 49.0442, 75.8111



53.8950, 49.0442, 17.9870



31.5843, 49.0442, 35.9092



40.0220, 49.0442, 118.4684

Rectangle

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



65.7875, 49.0442, 75.8111



64.8240, 49.0442, 32.4022



31.5843, 49.0442, 35.9092



32.1817, 49.0442, 81.9396

Sweetspot

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



65.7887, 49.0463, 75.8121



84.5601, 81.4093, 98.0380



48.7850, 39.7341, 99.7059



17.8753, 17.0310, 20.7427



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.



65.7887, 49.0463, 75.8121



62.0935, 42.9340, 70.6406



59.9739, 46.7204, 45.1921



18.5383, 18.1986, 21.4518



25.7020, 12.7701, 22.8792



2.5517, 1.2630, 2.4866

Inverse Universe

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



65.7887, 49.0463, 75.8121



62.0935, 42.9340, 70.6406



63.6191, 84.1596, 91.0358



18.5383, 18.1986, 21.4518



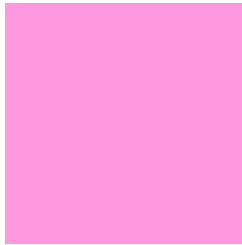
25.7020, 12.7701, 22.8792



2.5517, 1.2630, 2.4866

Previews

White Background



This preview shows how the XYZ color 65.7875, 49.0442, 75.8111 looks on a white background.

Color Contrast Check

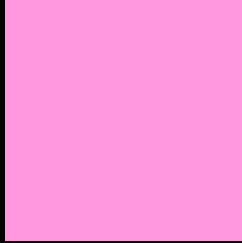
Large Text (above 18pt) WCAG AA × Fail

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 65.7875, 49.0442, 75.8111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

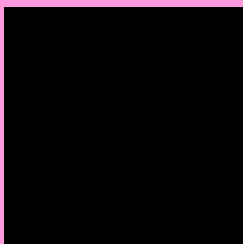
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.7875, 49.0442, 75.8111

Background



This preview shows how black text looks on a background with the XYZ color 65.7875, 49.0442, 75.8111.



This preview shows how white text looks on a background with the XYZ color 65.7875, 49.0442,

75.8111.

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

65.7875, 49.0442, 75.8111

Protanopia

50.3526, 49.4808, 94.0857

Deuteranopia

50.3691, 49.3367, 73.1979



Tritanopia

59.6272, 49.0364, 46.3667

Trichromacy



Original Color

65.7875, 49.0442, 75.8111



Protanomaly

54.2725, 48.0956, 87.3118



Deuteranomaly

54.9217, 48.4393, 74.1652



Tritanomaly

61.5249, 48.7687, 56.0398

Monochromacy



Original Color

65.7875, 49.0442, 75.8111



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

54.2332, 50.0522, 63.3026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7875, 49.0442, 75.8111 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(255, 152, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 223)  
}
```

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(255, 152, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.7875, 49.0442, 75.8111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

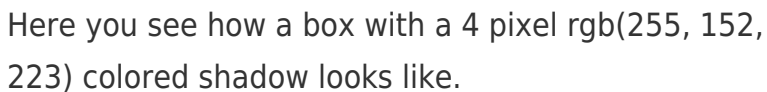
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 152, 223) }
```


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

```
.border{ border-color:rgb(255, 152, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 152, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 152, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 152, 223); box-shadow:4px 4px 4px 4px rgb(255, 152, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7875, 49.0442, 75.8111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 223) }
```

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

```
.background{ background-color: rgb(255,  
152, 223) }
```

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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