

Converting Colors

XYZ(65.8270, 49.2154, 75.5402)

Have a look what the booklet for
XYZ(65.8270, 49.2154, 75.5402)
contains.

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Color

**XYZ(65.9505, 49.3702,
75.8655)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99DF
RGB	255, 153, 223
RGB Percent	100%, 60%, 87%
CMY	0.0000, 0.4000, 0.1255
CMYK	0.00, 0.40, 0.13, 0.00
HSL	319°, 100%, 80%
HSV	319°, 40%, 100%
XYZ	65.9505, 49.3702, 75.8655
YIQ	191.4780, 38.3220, 43.3940

Conversions

Conversions Part 2

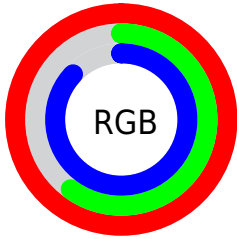
Format	Color
RYB	255, 153, 223
Decimal	16751071
CIELab	75.68, 47.48, -19.24
CIELCh	76, 51.225, 337.944
Yxy	49.3702, 0.3450, 0.2582
Android (android.graphics.Color)	4294941151 (0xFFFF99DF)
YUV	191.4780, 15.5403, 55.7088
Hunter-Lab	70.2639, 44.5802, -14.8320

Details

The XYZ color **65.9505, 49.3702, 75.8655** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.6556, 81.7959, 58.6514**, and the grayscale version is **49.6970, 52.2851, 56.9384**.

A 20% lighter version of the original color is **82.0905, 74.0809, 104.5802**, and **34.5557, 23.6212, 39.7838** is the 20% darker color. If you saturate the color by 10%, you get **61.1608, 41.4762, 69.0726**, and if you desaturate by 10%, it is **71.6853, 59.0723, 83.2261**.

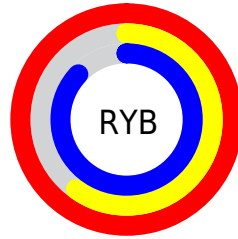
Distribution



Red (100%)

Green (60%)

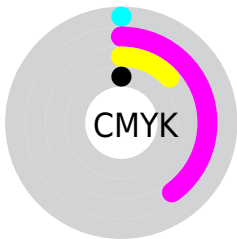
Blue (87%)



Red (100%)

Yellow (60%)

Blue (87%)

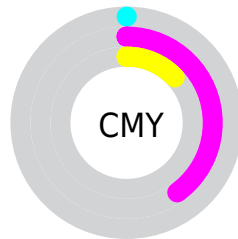


Cyan (0%)

Magenta (40%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9505, 49.3702, 75.8655 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 65.9505, 49.3702, 75.8655 by changing the saturation by 10% instead.

65.9505, 49.3702,
75.8655

65.9505, 49.3702,
75.8655

435.6913,
384.1979, 500.2217

48.4998, 34.9132,
55.8162

112.4734, 89.2410,
129.2951

34.4357, 23.5960,
39.6526

142.2763,
115.4237, 163.5125

23.3930, 15.0342,
26.9561

176.9273,
146.2837, 203.2898

15.0063, 8.8434,
17.3081

216.7918,
182.2055, 249.0453

8.9101, 4.6392,
10.2901

262.2350,
223.5734, 301.1977

4.7392, 2.0372,
5.4836

313.6225,

2.1283, 0.6289,

270.7718, 360.1656

2.4701

371.3194,
324.1852, 426.3674

0.7045, 0.0000,
0.8242

0.0000, 0.0000,
0.0000

65.9505, 49.3702,
75.8655

65.9505, 49.3702,
75.8655

61.1608, 41.4762,
69.0726

71.6853, 59.0723,
83.2261

57.2545, 35.2690,
62.8217

78.4146, 70.6808,
91.1724

54.1683, 30.6225,
57.0887

86.1884, 84.2948,
99.7250

51.8281, 27.3898,
51.8453

95.0500, 100.0000,
108.9000

■ 50.1458, 25.3960,
47.0585

■ 48.9779, 24.3553,
42.6767

■ 48.9776, 24.3550,
42.6757

Harmonies

Analogous

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



59.0634, 49.3702, 106.3989



65.9505, 49.3702, 75.8655



67.4172, 49.3702, 46.8520

Triad

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



65.9505, 49.3702, 75.8655



44.4479, 49.3702, 16.8316



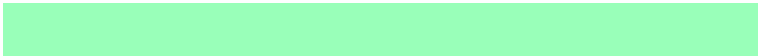
33.9553, 49.3702, 92.7185

Complementary

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



65.9505, 49.3702, 75.8655



57.6556, 81.7959, 58.6514

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.



31.0730, 49.3702, 61.3065



65.9505, 49.3702, 75.8655



36.5751, 49.3702, 22.1776

Square

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



65.9505, 49.3702, 75.8655



54.1162, 49.3702, 18.4109



31.9629, 49.3702, 36.4223



40.4006, 49.3702, 118.1956

Rectangle

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



65.9505, 49.3702, 75.8655



64.9616, 49.3702, 32.7969



31.9629, 49.3702, 36.4223



32.5801, 49.3702, 82.1524

Sweetspot

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



65.9517, 49.3723, 75.8665



84.5458, 81.4036, 97.9629



49.1148, 40.1461, 99.7681



17.8719, 17.0297, 20.7249



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.



65.9517, 49.3723, 75.8665



62.0451, 42.9146, 70.3855



60.2144, 47.0774, 45.6542



18.5359, 18.1977, 21.4389



25.6624, 12.7542, 22.6702



2.5481, 1.2616, 2.4675

Inverse Universe

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



65.9517, 49.3723, 75.8665



62.0451, 42.9146, 70.3855



63.8359, 84.2681, 91.1964



18.5359, 18.1977, 21.4389



25.6624, 12.7542, 22.6702



2.5481, 1.2616, 2.4675

Previews

White Background



This preview shows how the XYZ color 65.9505, 49.3702, 75.8655 looks on a white background.

Color Contrast Check

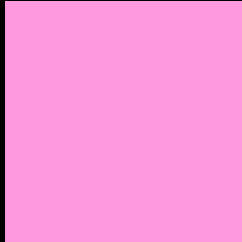
Large Text (above 18pt) WCAG AA × Fail

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 65.9505, 49.3702, 75.8655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

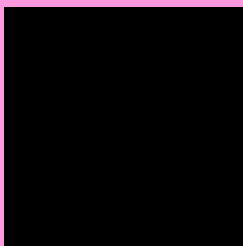
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9505, 49.3702, 75.8655

Background



This preview shows how black text looks on a background with the XYZ color 65.9505, 49.3702, 75.8655.



This preview shows how white text looks on a background with the XYZ color 65.9505, 49.3702,

75.8655.

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

65.9505, 49.3702, 75.8655

Protanopia

50.6250, 49.9484, 93.3590

Deuteranopia

50.6180, 49.4650, 73.2095



Tritanopia

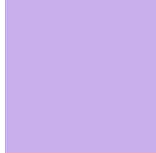
59.7251, 49.0755, 46.8821

Trichromacy



Original Color

65.9505, 49.3702, 75.8655



Protanomaly

54.5868, 48.5581, 86.6164



Deuteranomaly

55.2127, 48.5893, 74.1788



Tritanomaly

61.6962, 49.1113, 56.0968

Monochromacy



Original Color

65.9505, 49.3702, 75.8655



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 65.9505, 49.3702, 75.8655 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, 153, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 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, 153, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 223) }
```

Border

The CSS property to change the border of an element to XYZ 65.9505, 49.3702, 75.8655 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, 153, 223) }
```


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

```
.border{ border-color:rgb(255, 153, 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, 153, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9505, 49.3702, 75.8655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 223) }
```

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

```
.background{ background-color: rgb(255,  
153, 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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