

Converting Colors

XYZ(66.1794, 50.1107, 75.0704)

Have a look what the booklet for
XYZ(66.1794, 50.1107, 75.0704)
contains.

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Color

**XYZ(66.1462, 49.9766,
75.2674)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9BDE
RGB	255, 155, 222
RGB Percent	100%, 61%, 87%
CMY	0.0000, 0.3921, 0.1294
CMYK	0.00, 0.39, 0.13, 0.00
HSL	320°, 100%, 80%
HSV	320°, 39%, 100%
XYZ	66.1462, 49.9766, 75.2674
YIQ	192.5380, 38.0930, 42.0370

Conversions

Conversions Part 2

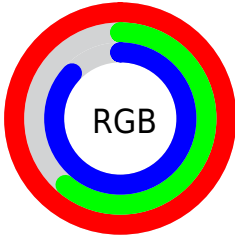
Format	Color
R _Y B	255, 155, 222
Decimal	16751582
CIE Lab	76.05, 46.30, -18.12
CIE LCh	76, 49.723, 338.623
Yxy	49.9766, 0.3456, 0.2611
Android (android.graphics.Color)	4294941662 (0xFFFF9BDE)
YUV	192.5380, 14.5248, 54.7792
Hunter-Lab	70.6941, 43.3019, -13.6396

Details

The XYZ color **66.1462, 49.9766, 75.2674** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.3564, 82.1202, 60.3550**, and the grayscale version is **50.3207, 52.9413, 57.6530**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **34.6547, 23.9677, 39.3589** is the 20% darker color. If you saturate the color by 10%, you get **61.2418, 41.9281, 68.2064**, and if you desaturate by 10%, it is **72.0051, 59.8438, 82.9256**.

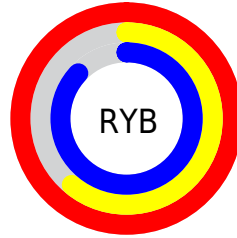
Distribution



Red (100%)

Green (61%)

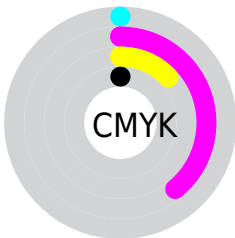
Blue (87%)



Red (100%)

Yellow (61%)

Blue (87%)

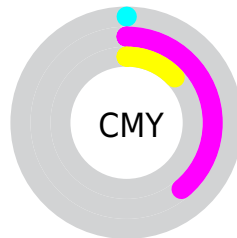


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1462, 49.9766, 75.2674 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 66.1462, 49.9766, 75.2674 by changing the saturation by 10% instead.

 66.1462, 49.9766,
75.2674


 66.1462, 49.9766,
75.2674


436.3800,
386.5744, 498.1161

 48.6592, 35.3948,
55.3289


 112.7527, 90.1402,
128.4414

 34.5627, 23.9672,
39.2648


 142.6030,
116.4908, 162.5140

 23.4911, 15.3093,
26.6563


177.3050,
147.5331, 202.1350

 15.0792, 9.0367,
17.0851

217.2243,
183.6516, 247.7231

 8.9617, 4.7651,
10.1326

262.7260,
225.2305, 299.6967

 4.7731, 2.1101,
5.3802


314.1757,


 2.1481, 0.6703,


272.6544, 358.4743


2.4094


371.9385,
326.3076, 424.4746


 0.7152, 0.0000,
0.7916


 0.0000, 0.0000,
0.0000


 66.1462, 49.9766,
75.2674


 66.1462, 49.9766,
75.2674


 61.2418, 41.9281,
68.2064


 72.0051, 59.8438,
82.9256

 57.2310, 35.5779,
61.7163

 78.8679, 71.6276,
91.1996

 54.0505, 30.8010,
55.7727

 86.7844, 85.4262,
100.1103

 51.6272, 27.4523,
50.3470

95.0500, 100.0000,
108.9000

■ 49.8742, 25.3595,
45.4059

■ 48.6611, 24.2633,
40.9016

■ 48.5761, 24.1945,
40.5615

Harmonies

Analogous

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



59.5424, 49.9766, 104.9497



66.1462, 49.9766, 75.2674



67.4348, 49.9766, 47.1026

Triad

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



66.1462, 49.9766, 75.2674



44.8738, 49.9766, 17.8963



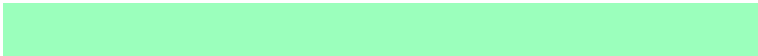
34.8710, 49.9766, 92.9884

Complementary

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



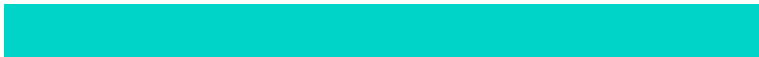
66.1462, 49.9766, 75.2674



58.3564, 82.1202, 60.3550

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.



31.9427, 49.9766, 62.4498



66.1462, 49.9766, 75.2674



37.2038, 49.9766, 23.4415

Square

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



66.1462, 49.9766, 75.2674



54.3122, 49.9766, 19.3341



32.7372, 49.9766, 37.8221



41.2849, 49.9766, 117.2846

Rectangle

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



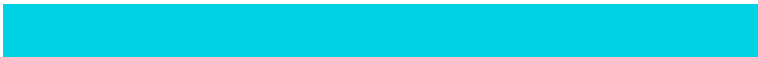
66.1462, 49.9766, 75.2674



64.9639, 49.9766, 33.4093



32.7372, 49.9766, 37.8221



33.4871, 49.9766, 82.7764

Sweetspot

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



66.1473, 49.9787, 75.2684



84.4697, 81.3731, 97.5621



50.1854, 41.1880, 99.9128



17.8540, 17.0225, 20.6303



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.



66.1473, 49.9787, 75.2684



62.2483, 43.5592, 69.7193



60.5380, 47.7350, 45.7301



18.5228, 18.1924, 21.3702



25.4540, 12.6709, 21.5730



2.5289, 1.2539, 2.3666

Inverse Universe

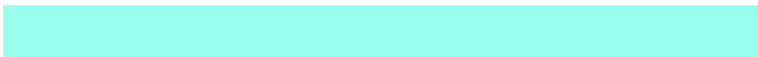
The Inverse Universe completely reimagines the original color for something new.



66.1473, 49.9787, 75.2684



62.2483, 43.5592, 69.7193



64.5163, 84.5842, 92.7925



18.5228, 18.1924, 21.3702



25.4540, 12.6709, 21.5730



2.5289, 1.2539, 2.3666

Previews

White Background



This preview shows how the XYZ color 66.1462, 49.9766, 75.2674 looks on a white background.

Color Contrast Check

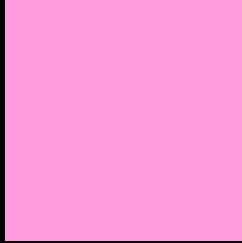
Large Text (above 18pt) WCAG AA × Fail

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 66.1462, 49.9766, 75.2674 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 66.1462, 49.9766, 75.2674

Background



This preview shows how black text looks on a background with the XYZ color 66.1462, 49.9766, 75.2674.



This preview shows how white text looks on a background with the XYZ color 66.1462, 49.9766,

75.2674.

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

66.1462, 49.9766, 75.2674

Protanopia

50.9701, 50.4731, 91.8499

Deuteranopia

51.1961, 50.0832, 72.6143



Tritanopia

60.5363, 50.0095, 47.5365

Trichromacy



Original Color

66.1462, 49.9766, 75.2674



Protanomaly

54.9540, 49.3546, 85.2273



Deuteranomaly

55.7541, 49.4487, 73.6238



Tritanomaly

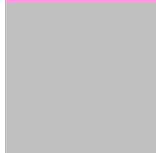
62.5154, 50.0354, 56.8150

Monochromacy



Original Color

66.1462, 49.9766, 75.2674



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

55.3381, 51.1988, 64.0925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1462, 49.9766, 75.2674 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, 155, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 222)  
}
```

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, 155, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 222) }
```

Border

The CSS property to change the border of an element to XYZ 66.1462, 49.9766, 75.2674 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, 155, 222) }
```


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

```
.border{ border-color:rgb(255, 155, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1462, 49.9766, 75.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 222) }
```

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

```
.background{ background-color: rgb(255,  
155, 222) }
```

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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