

Converting Colors

XYZ(65.2303, 49.7571, 69.9919)

Have a look what the booklet for
XYZ(65.2303, 49.7571, 69.9919)
contains.

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Color

**XYZ(65.2661, 49.8920,
69.8085)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CD6
RGB	255, 156, 214
RGB Percent	100%, 61%, 84%
CMY	0.0000, 0.3882, 0.1608
CMYK	0.00, 0.39, 0.16, 0.00
HSL	325°, 100%, 81%
HSV	325°, 39%, 100%
XYZ	65.2661, 49.8920, 69.8085
YIQ	192.2130, 40.3860, 39.0260

Conversions

Conversions Part 2

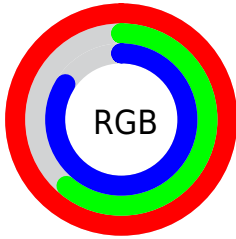
Format	Color
R _Y B	255, 156, 214
Decimal	16751830
CIE Lab	76.00, 44.55, -13.83
CIE LCh	76, 46.649, 342.754
Yxy	49.8920, 0.3529, 0.2697
Android (android.graphics.Color)	4294941910 (0xFFFF9CD6)
YUV	192.2130, 10.7410, 55.0642
Hunter-Lab	70.6343, 41.3241, -9.1529

Details

The XYZ color **65.2661, 49.8920, 69.8085** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.5502, 82.6200, 65.6353**, and the grayscale version is **50.1512, 52.7630, 57.4589**.

A 20% lighter version of the original color is **82.8335, 75.5670, 104.8278**, and **34.0353, 23.8763, 35.6156** is the 20% darker color. If you saturate the color by 10%, you get **60.1222, 41.6931, 61.6539**, and if you desaturate by 10%, it is **71.3979, 59.9264, 78.7251**.

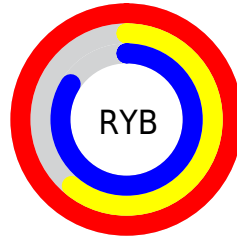
Distribution



Red (100%)

Green (61%)

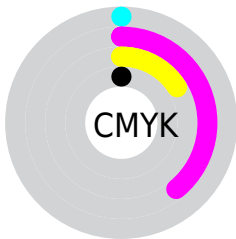
Blue (84%)



Red (100%)

Yellow (61%)

Blue (84%)

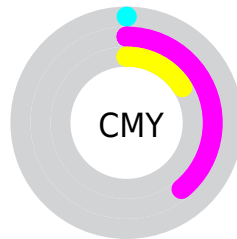


Cyan (0%)

Magenta (39%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2661, 49.8920, 69.8085 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 65.2661, 49.8920, 69.8085 by changing the saturation by 10% instead.

 65.2661, 49.8920,
69.8085


 65.2661, 49.8920,
69.8085


433.2777,
386.2434, 478.6483

 47.9424, 35.3276,
50.8946


 111.4959, 90.0148,
120.6142

 33.9923, 23.9153,
35.7486


 141.1327,
116.3421, 153.3430

 23.0506, 15.2708,
23.9519


175.6046,
147.3590, 191.5139

 14.7517, 9.0097,
15.0861

215.2770,
183.4501, 235.5454

 8.7305, 4.7475,
8.7325

260.5151,
224.9997, 285.8561

 4.6215, 2.0999,
4.4727

311.6843,

 2.0594, 0.6646,

272.3921, 342.8644

1.8881

369.1501,
326.0119, 406.9890

■ 0.6670, 0.0000,
0.4851

■ 0.0000, 0.0000,
0.0000

■ 65.2661, 49.8920,
69.8085

■ 65.2661, 49.8920,
69.8085

■ 60.1222, 41.6931,
61.6539

■ 71.3979, 59.9264,
78.7251

■ 55.9043, 35.2093,
54.2308

■ 78.5675, 71.8940,
88.4264

■ 52.5490, 30.3158,
47.5102

■ 86.8254, 85.8932,
98.9376

■ 49.9825, 26.8681,
41.4590

95.0500, 100.0000,
108.9000

■ 48.1177, 24.6948,
36.0392

■ 46.8289, 23.5478,
31.1998

■ 46.6960, 23.4424,
30.6607

Harmonies

Analogous

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



59.7126, 49.8920, 97.6625



65.2661, 49.8920, 69.8085



65.6871, 49.8920, 44.4156

Triad

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



65.2661, 49.8920, 69.8085



43.8216, 49.8920, 19.7048



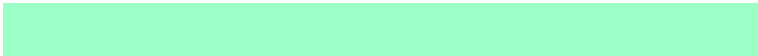
36.1636, 49.8920, 93.7869

Complementary

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



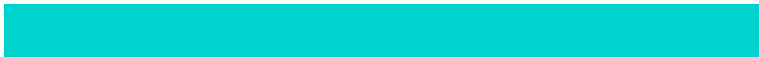
65.2661, 49.8920, 69.8085



59.5502, 82.6200, 65.6353

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.



32.8999, 49.8920, 65.6061



65.2661, 49.8920, 69.8085



36.9435, 49.8920, 26.1841

Square

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



65.2661, 49.8920, 69.8085



52.5575, 49.8920, 20.2035



33.1667, 49.8920, 41.3172



42.6303, 49.8920, 114.1558

Rectangle

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



65.2661, 49.8920, 69.8085



62.9333, 49.8920, 32.3007



33.1667, 49.8920, 41.3172



34.6932, 49.8920, 84.5984

Sweetspot

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



65.2672, 49.8942, 69.8095



84.0794, 81.2170, 95.5069



52.6016, 42.6818, 100.0737



17.7620, 16.9857, 20.1459



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.



65.2672, 49.8942, 69.8095



60.9882, 43.0552, 63.0837



60.0038, 47.7888, 42.0927



18.4558, 18.1656, 21.0173



24.4758, 12.2796, 16.4217



2.4375, 1.2174, 1.8855

Inverse Universe

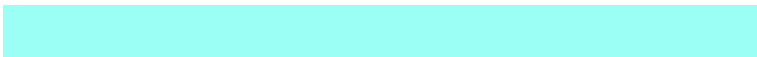
The Inverse Universe completely reimagines the original color for something new.



65.2672, 49.8942, 69.8095



60.9882, 43.0552, 63.0837



65.9683, 85.1873, 99.4327



18.4558, 18.1656, 21.0173



24.4758, 12.2796, 16.4217



2.4375, 1.2174, 1.8855

Previews

White Background



This preview shows how the XYZ color 65.2661, 49.8920, 69.8085 looks on a white background.

Color Contrast Check

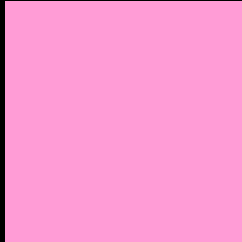
Large Text (above 18pt) WCAG AA × Fail

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 65.2661, 49.8920, 69.8085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

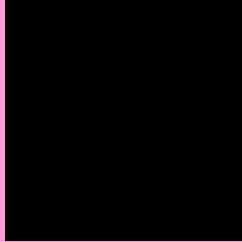
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2661, 49.8920, 69.8085

Background



This preview shows how black text looks on a background with the XYZ color 65.2661, 49.8920, 69.8085.



This preview shows how white text looks on a background with the XYZ color 65.2661, 49.8920,

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

65.2661, 49.8920, 69.8085

Protanopia

50.3147, 50.2884, 84.8967

Deuteranopia

51.2071, 50.2062, 67.3135



Tritanopia

60.7173, 49.8382, 47.4939

Trichromacy



Original Color

65.2661, 49.8920, 69.8085



Protanomaly

54.3719, 49.1851, 79.3010



Deuteranomaly

55.3167, 49.3420, 68.2365



Tritanomaly

62.0100, 49.5548, 55.0119

Monochromacy



Original Color

65.2661, 49.8920, 69.8085



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

54.5698, 50.8574, 61.5839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2661, 49.8920, 69.8085 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, 156, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 214)  
}
```

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, 156, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 214) }
```

Border

The CSS property to change the border of an element to XYZ 65.2661, 49.8920, 69.8085 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, 156, 214) }
```


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

```
.border{ border-color:rgb(255, 156, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2661, 49.8920, 69.8085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 214) }
```

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

```
.background{ background-color: rgb(255,  
156, 214) }
```

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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