

Converting Colors

XYZ(62.6456, 49.4019, 70.5853)

Have a look what the booklet for
XYZ(62.6456, 49.4019, 70.5853)
contains.

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Color

**XYZ(62.6699, 49.2954,
70.5019)**

Conversions

Conversions Part 1

Format	Color
Hex	F69FD7
RGB	246, 159, 215
RGB Percent	96%, 62%, 84%
CMY	0.0353, 0.3764, 0.1569
CMYK	0.00, 0.35, 0.13, 0.04
HSL	321°, 83%, 79%
HSV	321°, 35%, 96%
XYZ	62.6699, 49.2954, 70.5019
YIQ	191.3970, 33.8760, 35.8600

Conversions

Conversions Part 2

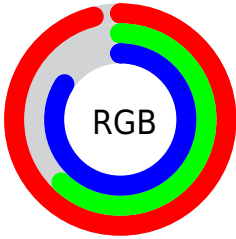
Format	Color
R _Y B	246, 159, 215
Decimal	16162775
CIE Lab	75.63, 40.21, -15.03
CIE LCh	76, 42.929, 339.499
Yxy	49.2954, 0.3435, 0.2702
Android (android.graphics.Color)	4294352855 (0xFFFF69FD7)
YUV	191.3970, 11.6363, 47.8868
Hunter-Lab	70.2107, 36.4600, -10.3884

Details

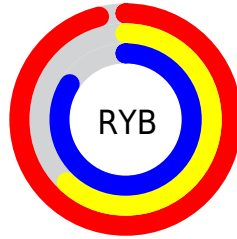
The XYZ color **62.6699, 49.2954, 70.5019** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.5502, 77.0016, 60.6008**, and the grayscale version is **49.6737, 52.2606, 56.9118**.

A 20% lighter version of the original color is **83.5904, 77.0809, 105.0801**, and **32.2382, 23.5375, 36.1018** is the 20% darker color. If you saturate the color by 10%, you get **57.7568, 41.2233, 63.4551**, and if you desaturate by 10%, it is **68.4881, 59.0797, 78.1493**.

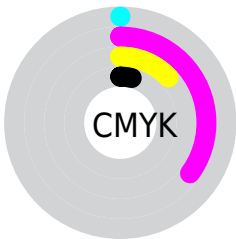
Distribution



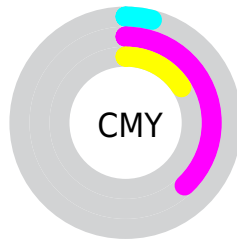
- Red (96%)
- Green (62%)
- Blue (84%)



- Red (96%)
- Yellow (62%)
- Blue (84%)



- Cyan (0%)
- Magenta (35%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6699, 49.2954, 70.5019 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 62.6699, 49.2954, 70.5019 by changing the saturation by 10% instead.

 62.6699, 49.2954,
70.5019


 62.6699, 49.2954,
70.5019


424.0492,
383.9041, 481.1470

 45.8319, 34.8539,
51.4565

 107.7776, 89.1300,
121.6120

 32.3172, 23.5503,
36.1928


 136.7780,
115.2919, 154.5138

 21.7606, 15.0004,
24.2922


170.5632,
146.1294, 192.8715

 13.7967, 8.8197,
15.3363

209.4986,
182.0268, 237.1036

 8.0602, 4.6237,
8.9065

253.9496,
223.3686, 287.6287

 4.1856, 2.0282,
4.5843

304.2814,

 1.8077, 0.6238,

270.5391, 344.8652

1.9511

360.8595,
323.9228, 409.2318

■ 0.5223, 0.0000,
0.5249

■ 0.0000, 0.0000,
0.0000

■ 62.6699, 49.2954,
70.5019

■ 62.6699, 49.2954,
70.5019

■ 57.7568, 41.2233,
63.4551

■ 68.4881, 59.0797,
78.1493

■ 53.6932, 34.7557,
56.9841

■ 75.2539, 70.6619,
86.4143

■ 50.4241, 29.7837,
51.0664

■ 83.0123, 84.1299,
95.3170

■ 47.8859, 26.1812,
45.6759

■ 91.0319, 98.0192,
104.6177

■ 46.0044, 23.8019,
40.7830

■ 91.8163, 98.3330,
108.7487

■ 44.6884, 22.4648,
36.3522

■ 44.2073, 22.0734,
34.4323

Harmonies

Analogous

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



57.2586, 49.2954, 95.0092



62.6699, 49.2954, 70.5019



63.5947, 49.2954, 46.7724

Triad

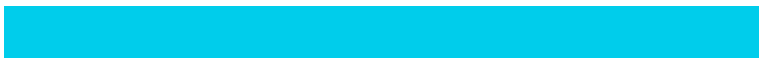
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.6699, 49.2954, 70.5019



44.3774, 49.2954, 21.0527



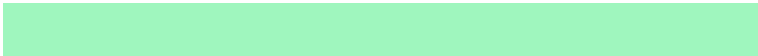
36.0263, 49.2954, 86.5916

Complementary

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



62.6699, 49.2954, 70.5019



56.5502, 77.0016, 60.6008

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.



33.3434, 49.2954, 61.2239



62.6699, 49.2954, 70.5019



37.7926, 49.2954, 26.4969

Square

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



62.6699, 49.2954, 70.5019



52.4104, 49.2954, 22.2376



33.9513, 49.2954, 39.7631



41.7045, 49.2954, 105.9721

Rectangle

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



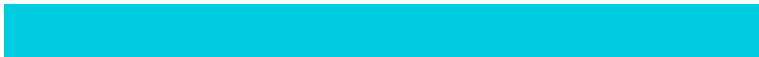
62.6699, 49.2954, 70.5019



61.4482, 49.2954, 34.8837



33.9513, 49.2954, 39.7631



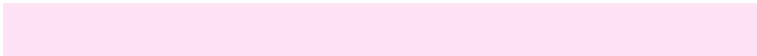
34.7751, 49.2954, 78.2303

Sweetspot

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



62.6714, 49.2977, 70.5029



85.1775, 82.7637, 97.8756



50.1330, 42.3292, 92.7176



17.9910, 17.2981, 20.6713



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.



62.6714, 49.2977, 70.5029



64.3173, 47.4097, 71.2948



57.8572, 47.3720, 45.1518



16.9483, 16.6622, 19.4744



23.6652, 11.8095, 18.7433



2.1288, 1.0575, 1.9046

Inverse Universe

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



62.6714, 49.2977, 70.5029



64.3173, 47.4097, 71.2948



61.9564, 79.1640, 89.0693



16.9483, 16.6622, 19.4744



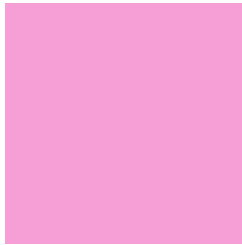
23.6652, 11.8095, 18.7433



2.1288, 1.0575, 1.9046

Previews

White Background



This preview shows how the XYZ color 62.6699, 49.2954, 70.5019 looks on a white background.

Color Contrast Check

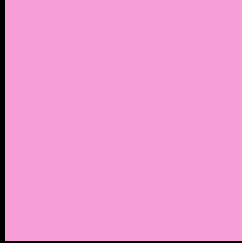
Large Text (above 18pt) WCAG AA × Fail

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 62.6699, 49.2954, 70.5019 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 62.6699, 49.2954, 70.5019

Background



This preview shows how black text looks on a background with the XYZ color 62.6699, 49.2954, 70.5019.



This preview shows how white text looks on a background with the XYZ color 62.6699, 49.2954,

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

62.6699, 49.2954, 70.5019

Protanopia

49.7361, 49.6951, 84.0615

Deuteranopia

50.7340, 49.6284, 68.5333



Tritanopia

58.2900, 49.3640, 48.5755

Trichromacy



Original Color

62.6699, 49.2954, 70.5019



Protanomaly

53.3402, 48.9592, 78.5902



Deuteranomaly

54.4603, 49.1717, 68.9081



Tritanomaly

59.4633, 49.0107, 55.6162

Monochromacy



Original Color

62.6699, 49.2954, 70.5019



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

53.4094, 50.2592, 61.5296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6699, 49.2954, 70.5019 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(246, 159, 215)` looks like.

```
.text, #text, p{  
    color:rgb(246, 159, 215)  
}
```

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(246, 159, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 159, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.6699, 49.2954, 70.5019 is called "border". The border property can be set on classes, ids or directly on the HTML element.

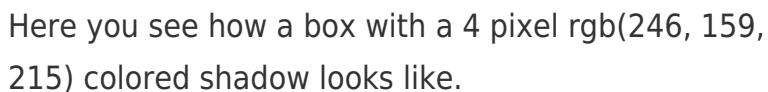
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 159, 215) }
```


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

```
.border{ border-color:rgb(246, 159, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(246, 159, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 159, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 159, 215); box-shadow:4px 4px 4px 4px rgb(246, 159, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6699, 49.2954, 70.5019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 159, 215) }
```

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

```
.background{ background-color: rgb(246,  
159, 215) }
```

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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