

Converting Colors

XYZ(165.7715, 100.0000,
65.5990)

Have a look what the booklet for
XYZ(165.7715, 100.0000, 65.5990)
contains.

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Color

**XYZ(62.3725, 46.6569,
60.9766)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF94C9 |
| RGB | 255, 148, 201 |
| RGB Percent | 100%, 58%, 79% |
| CMY | 0.0000, 0.4196, 0.2118 |
| CMYK | 0.00, 0.42, 0.21, 0.00 |
| HSL | 330°, 100%, 79% |
| HSV | 330°, 42%, 100% |
| XYZ | 62.3725, 46.6569, 60.9766 |
| YIQ | 186.0350, 46.7590, 39.1670 |

Conversions

Conversions Part 2

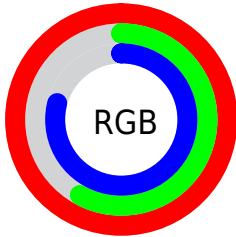
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 148, 201 |
| Decimal | 16749769 |
| CIE _{Lab} | 73.97, 46.70, -9.73 |
| CIE _{LCh} | 74, 47.701, 348.227 |
| Yxy | 46.6569, 0.3669, 0.2744 |
| Android (android.graphics.Color) | 4294939849 (0xFFFF94C9) |
| YUV | 186.0350, 7.3777, 60.4823 |
| Hunter-Lab | 68.3059, 43.4594, -5.1141 |

Details

The XYZ color **62.3725, 46.6569, 60.9766** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.6354, 82.0811, 68.6336**, and the grayscale version is **46.6347, 49.0633, 53.4299**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **32.0341, 21.8478, 30.1324** is the 20% darker color. If you saturate the color by 10%, you get **57.3532, 38.9404, 52.1445**, and if you desaturate by 10%, it is **68.4020, 56.1903, 70.7724**.

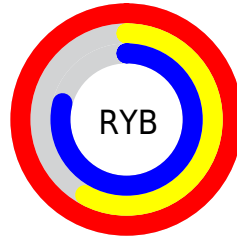
Distribution



Red (100%)

Green (58%)

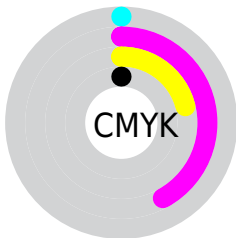
Blue (79%)



Red (100%)

Yellow (58%)

Blue (79%)

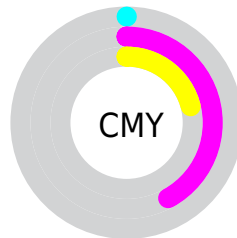


Cyan (0%)

Magenta (42%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (42%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3725, 46.6569, 60.9766 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 62.3725, 46.6569, 60.9766 by changing the saturation by 10% instead.


 62.3725, 46.6569,
60.9766


 62.3725, 46.6569,
60.9766


422.9845,
373.4433, 446.0924

 45.5905, 32.7645,
43.7758

 107.3506, 85.2013,
107.8023

 32.1260, 21.9461,
30.1584


 136.2774,
110.6220, 138.2642

 21.6138, 13.8173,
19.7058


169.9833,
140.6543, 173.9837

 13.6884, 7.9937,
11.9994

208.8334,
175.6826, 215.3792

 7.9845, 4.0909,
6.6207

253.1932,
216.0913, 262.8693

 4.1368, 1.7246,
3.1512

303.4281,

 1.7798, 0.4395,

262.2647, 316.8725

1.1724

359.9034,
314.5872, 377.8073

■ 0.5055, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3725, 46.6569,
60.9766

■ 62.3725, 46.6569,
60.9766

■ 57.3532, 38.9404,
52.1445

■ 68.4020, 56.1903,
70.7724

■ 53.2789, 32.9161,
44.2375

■ 75.4943, 67.6417,
81.5625

■ 50.0821, 28.4538,
37.2177

■ 83.7024, 81.1123,
93.3794

■ 47.6838, 25.4012,
31.0424

■ 93.0746, 96.6942,
106.2530

■ 45.9896, 23.5746,
25.6627

95.0500, 100.0000,
108.9000

■ 45.0254, 22.7742,
21.8638

Harmonies

Analogous

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



57.7040, 46.6569, 88.8557



62.3725, 46.6569, 60.9766



61.7759, 46.6569, 37.5075

Triad

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



62.3725, 46.6569, 60.9766



39.4220, 46.6569, 18.0229



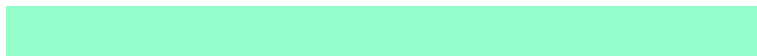
34.3133, 46.6569, 94.3820

Complementary

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



62.3725, 46.6569, 60.9766



58.6354, 82.0811, 68.6336

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.



30.5480, 46.6569, 66.9151



62.3725, 46.6569, 60.9766



33.2271, 46.6569, 25.5392

Square

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



62.3725, 46.6569, 60.9766



47.7695, 46.6569, 17.3472



30.1776, 46.6569, 41.8263



41.0901, 46.6569, 111.8794

Rectangle

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



62.3725, 46.6569, 60.9766



58.4835, 46.6569, 26.9700



30.1776, 46.6569, 41.8263



32.6929, 46.6569, 85.6689

Sweetspot

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



62.3737, 46.6590, 60.9775



82.7937, 79.6118, 92.0994



52.8639, 40.8893, 99.7139



17.3181, 16.3759, 19.1407



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.



62.3737, 46.6590, 60.9775



58.2597, 40.3145, 53.8000



57.1768, 44.5803, 33.6111



18.3845, 18.1371, 20.6419



23.6019, 11.9301, 11.8202



2.3531, 1.1836, 1.4409

Inverse Universe

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



62.3737, 46.6590, 60.9775



58.2597, 40.3145, 53.8000



66.0240, 85.0365, 107.5416



18.3845, 18.1371, 20.6419



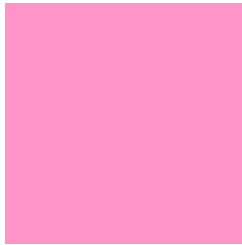
23.6019, 11.9301, 11.8202



2.3531, 1.1836, 1.4409

Previews

White Background



This preview shows how the XYZ color 62.3725, 46.6569, 60.9766 looks on a white background.

Color Contrast Check

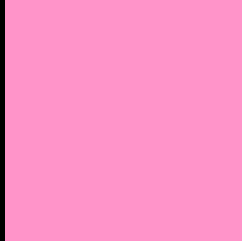
Large Text (above 18pt) WCAG AA × Fail

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 62.3725, 46.6569, 60.9766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

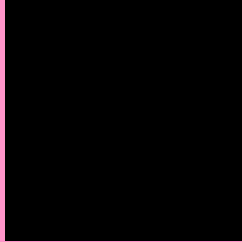
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3725, 46.6569, 60.9766

Background



This preview shows how black text looks on a background with the XYZ color 62.3725, 46.6569, 60.9766.



This preview shows how white text looks on a background with the XYZ color 62.3725, 46.6569,

60.9766.

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

62.3725, 46.6569, 60.9766

Protanopia

46.9423, 47.2059, 75.7448

Deuteranopia

47.9341, 46.8991, 58.7506



Tritanopia

58.3879, 46.7051, 42.0140

Trichromacy



Original Color

62.3725, 46.6569, 60.9766



Protanomaly

50.9542, 45.9275, 69.7976



Deuteranomaly

52.1482, 45.9486, 59.5465



Tritanomaly

59.5098, 46.4066, 48.4687

Monochromacy



Original Color

62.3725, 46.6569, 60.9766



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

51.0205, 47.1155, 55.6954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3725, 46.6569, 60.9766 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, 148, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 201)  
}
```

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, 148, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 201) }
```

Border

The CSS property to change the border of an element to XYZ 62.3725, 46.6569, 60.9766 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, 148, 201) }
```


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

```
.border{ border-color:rgb(255, 148, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3725, 46.6569, 60.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 201) }
```

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

```
.background{ background-color: rgb(255,  
148, 201) }
```

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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