

Converting Colors

XYZ(130.8414, 81.4060,
65.9649)

Have a look what the booklet for
XYZ(130.8414, 81.4060, 65.9649)
contains.

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Color

**XYZ(62.4180, 46.1774,
62.7501)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92CC
RGB	255, 146, 204
RGB Percent	100%, 57%, 80%
CMY	0.0000, 0.4274, 0.2000
CMYK	0.00, 0.43, 0.20, 0.00
HSL	328°, 100%, 79%
HSV	328°, 43%, 100%
XYZ	62.4180, 46.1774, 62.7501
YIQ	185.2030, 46.3460, 41.1460

Conversions

Conversions Part 2

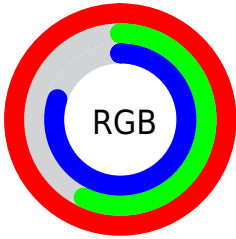
Format	Color
R _Y B	255, 146, 204
Decimal	16749260
CIE Lab	73.66, 48.14, -11.85
CIE LCh	74, 49.573, 346.171
Yxy	46.1774, 0.3643, 0.2695
Android (android.graphics.Color)	4294939340 (0xFFFF92CC)
YUV	185.2030, 9.2669, 61.2120
Hunter-Lab	67.9540, 45.0389, -7.1819

Details

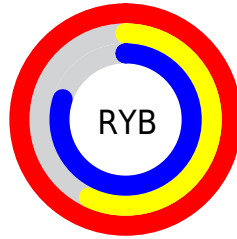
The XYZ color **62.4180, 46.1774, 62.7501** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.6939, 81.6631, 65.5484**, and the grayscale version is **46.1602, 48.5641, 52.8863**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **32.0971, 21.5921, 31.3301** is the 20% darker color. If you saturate the color by 10%, you get **57.5397, 38.6239, 54.3319**, and if you desaturate by 10%, it is **68.2847, 55.5319, 72.0398**.

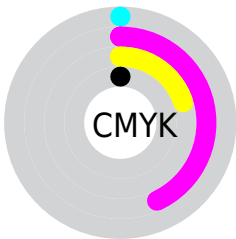
Distribution



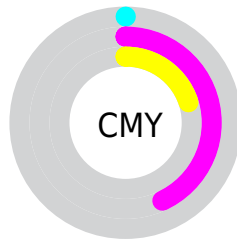
- Red (100%)
- Green (57%)
- Blue (80%)



- Red (100%)
- Yellow (57%)
- Blue (80%)



- Cyan (0%)
- Magenta (43%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4180, 46.1774, 62.7501 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 62.4180, 46.1774, 62.7501 by changing the saturation by 10% instead.


 62.4180, 46.1774,
62.7501


 62.4180, 46.1774,
62.7501


423.1475,
371.5214, 452.7449

 45.6274, 32.3858,
45.1994

 107.4160, 84.4844,
110.3910

 32.1553, 21.6564,
31.2704


 136.3541,
109.7687, 141.3182

 21.6363, 13.6046,
20.5446

170.0720,
139.6526, 177.5414

 13.7050, 7.8462,
12.6036

208.9352,
174.5206, 219.4790

 7.9961, 3.9967,
7.0286

253.3090,
214.7571, 267.5497

 4.1442, 1.6717,
3.4013

303.5588,

 1.7840, 0.4052,

260.7465, 322.1718

1.3030

360.0498,
312.8731, 383.7641

■ 0.5080, 0.0000,
0.0643

■ 0.0000, 0.0000,
0.0000

■ 62.4180, 46.1774,
62.7501

■ 62.4180, 46.1774,
62.7501

■ 57.5397, 38.6239,
54.3319

■ 68.2847, 55.5319,
72.0398

■ 53.5850, 32.7465,
46.7500

■ 75.1925, 66.7894,
82.2286

■ 50.4865, 28.4137,
39.9699

■ 83.1939, 80.0512,
93.3459

■ 48.1649, 25.4714,
33.9523

■ 92.3370, 95.4098,
105.4186

■ 46.5249, 23.7333,
28.6519

95.0500, 100.0000,
108.9000

■ 45.6614, 23.0286,
25.2130

Harmonies

Analogous

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



57.2370, 46.1774, 91.7664



62.4180, 46.1774, 62.7501



62.1923, 46.1774, 37.9751

Triad

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



62.4180, 46.1774, 62.7501



39.3524, 46.1774, 16.6616



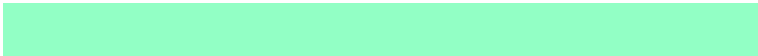
33.2021, 46.1774, 93.8701

Complementary

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



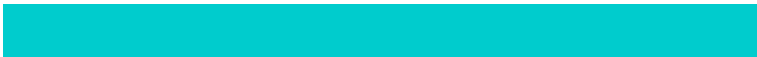
62.4180, 46.1774, 62.7501



57.6939, 81.6631, 65.5484

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.



29.5851, 46.1774, 64.9900



62.4180, 46.1774, 62.7501



32.7985, 46.1774, 23.6702

Square

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



62.4180, 46.1774, 62.7501



48.0524, 46.1774, 16.4178



29.4479, 46.1774, 39.5810



39.9757, 46.1774, 113.3920

Rectangle

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



62.4180, 46.1774, 62.7501



58.9852, 46.1774, 26.7932



29.4479, 46.1774, 39.5810



31.6189, 46.1774, 84.5720

Sweetspot

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



62.4191, 46.1795, 62.7510



82.9738, 79.6838, 93.0478



51.3219, 39.6326, 99.5526



17.3625, 16.3937, 19.3746



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.



62.4191, 46.1795, 62.7510



58.3216, 39.8163, 55.7378



56.9959, 44.0102, 34.1931



18.4134, 18.1487, 20.7939



23.9353, 12.0634, 13.5756



2.3857, 1.1967, 1.6126

Inverse Universe

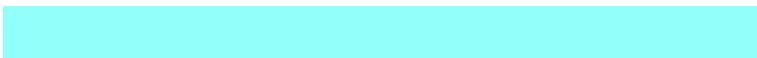
The Inverse Universe completely reimagines the original color for something new.



62.4191, 46.1795, 62.7510



58.3216, 39.8163, 55.7378



65.0857, 84.6198, 104.4732



18.4134, 18.1487, 20.7939



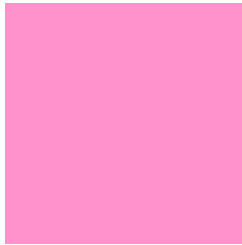
23.9353, 12.0634, 13.5756



2.3857, 1.1967, 1.6126

Previews

White Background



This preview shows how the XYZ color 62.4180, 46.1774, 62.7501 looks on a white background.

Color Contrast Check

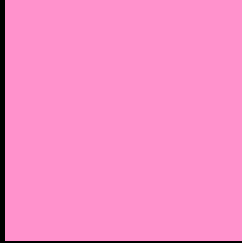
Large Text (above 18pt) WCAG AA × Fail

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 62.4180, 46.1774, 62.7501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

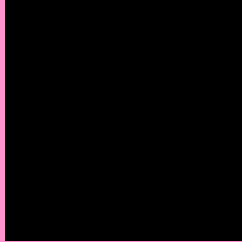
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4180, 46.1774, 62.7501

Background



This preview shows how black text looks on a background with the XYZ color 62.4180, 46.1774, 62.7501.



This preview shows how white text looks on a background with the XYZ color 62.4180, 46.1774,

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

62.4180, 46.1774, 62.7501

Protanopia

46.6263, 46.6796, 78.5041

Deuteranopia

47.3200, 46.2506, 60.4660



Tritanopia

57.9664, 46.0083, 41.4226

Trichromacy



Original Color

62.4180, 46.1774, 62.7501



Protanomaly

50.7449, 45.4847, 72.4346



Deuteranomaly

51.7293, 45.4235, 61.2995



Tritanomaly

59.1879, 45.7628, 48.3614

Monochromacy



Original Color

62.4180, 46.1774, 62.7501



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

50.6557, 46.6332, 56.2004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4180, 46.1774, 62.7501 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, 146, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 204)  
}
```

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, 146, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 204) }
```

Border

The CSS property to change the border of an element to XYZ 62.4180, 46.1774, 62.7501 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, 146, 204) }
```


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

```
.border{ border-color:rgb(255, 146, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4180, 46.1774, 62.7501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 204) }
```

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

```
.background{ background-color: rgb(255,  
146, 204) }
```

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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