

Converting Colors

XYZ(62.0352, 46.4873, 59.3069)

Have a look what the booklet for
XYZ(62.0352, 46.4873, 59.3069)
contains.

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Color

**XYZ(62.0229, 46.5170,
59.1358)**

Conversions

Conversions Part 1

Format	Color
Hex	FF94C6
RGB	255, 148, 198
RGB Percent	100%, 58%, 78%
CMY	0.0000, 0.4196, 0.2235
CMYK	0.00, 0.42, 0.22, 0.00
HSL	332°, 100%, 79%
HSV	332°, 42%, 100%
XYZ	62.0229, 46.5170, 59.1358
YIQ	185.6930, 47.7220, 38.2340

Conversions

Conversions Part 2

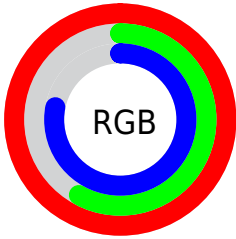
Format	Color
R _{YB}	255, 148, 198
Decimal	16749766
CIE _{Lab}	73.88, 46.27, -8.21
CIE _{LCh}	74, 46.996, 349.936
Yxy	46.5170, 0.3699, 0.2774
Android (android.graphics.Color)	4294939846 (0xFFFF94C6)
YUV	185.6930, 6.0674, 60.7822
Hunter-Lab	68.2034, 42.9687, -3.6651

Details

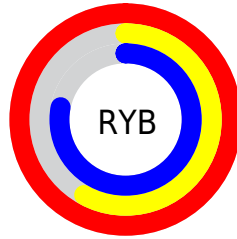
The XYZ color **62.0229, 46.5170, 59.1358** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.9941, 82.2246, 70.5228**, and the grayscale version is **46.4501, 48.8691, 53.2185**.

A 20% lighter version of the original color is **80.8829, 71.6657, 104.1776**, and **31.8017, 21.7548, 28.9085** is the 20% darker color. If you saturate the color by 10%, you get **56.9573, 38.7820, 50.0602**, and if you desaturate by 10%, it is **68.1124, 56.0744, 69.2472**.

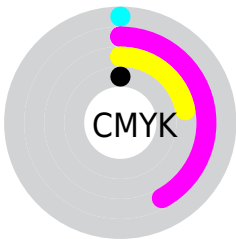
Distribution



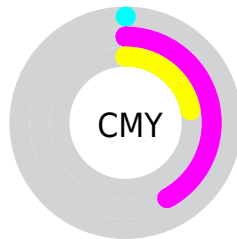
- Red (100%)
- Green (58%)
- Blue (78%)



- Red (100%)
- Yellow (58%)
- Blue (78%)



- Cyan (0%)
- Magenta (42%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0229, 46.5170, 59.1358 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 62.0229, 46.5170, 59.1358 by changing the saturation by 10% instead.


 62.0229, 46.5170,
59.1358


 62.0229, 46.5170,
59.1358

421.7308,
372.8833, 439.1209

 45.3069, 32.6540,
42.3017


 106.8484, 84.9922,
105.1061

 31.9015, 21.8615,
29.0103


 135.6885,
110.3732, 135.0793

 21.4415, 13.7552,
18.8430


169.3008,
140.3623, 170.2694

 13.5614, 7.9506,
11.3812

208.0505,
175.3439, 211.0948

 7.8959, 4.0633,
6.2065

252.3030,
215.7024, 257.9742

 4.0796, 1.7091,
2.9002

302.4236,

 1.7473, 0.4295,

261.8222, 311.3259

1.0439

358.7778,
314.0877, 371.5686

■ 0.4856, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0229, 46.5170,
59.1358

■ 62.0229, 46.5170,
59.1358

■ 56.9573, 38.7820,
50.0602

■ 68.1124, 56.0744,
69.2472

■ 52.8499, 32.7445,
41.9787

■ 75.2788, 67.5554,
80.4280

■ 49.6325, 28.2739,
34.8503

■ 83.5758, 81.0616,
92.7133

■ 47.2255, 25.2178,
28.6288

■ 93.0523, 96.6852,
106.1358

■ 45.5336, 23.3922, 95.0500, 100.0000,
23.2615 108.9000

■ 44.5790, 22.5956,
19.5127

Harmonies

Analogous

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



57.7057, 46.5170, 86.4744



62.0229, 46.5170, 59.1358



61.1292, 46.5170, 36.5058

Triad

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



62.0229, 46.5170, 59.1358



38.9506, 46.5170, 18.5064



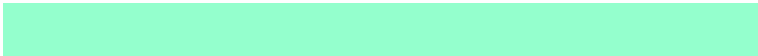
34.6444, 46.5170, 94.7341

Complementary

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



62.0229, 46.5170, 59.1358



58.9941, 82.2246, 70.5228

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.



30.7466, 46.5170, 68.0419



62.0229, 46.5170, 59.1358



33.0068, 46.5170, 26.4025

Square

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



62.0229, 46.5170, 59.1358



47.0847, 46.5170, 17.4772



30.1875, 46.5170, 43.0159



41.4605, 46.5170, 110.9167

Rectangle

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



62.0229, 46.5170, 59.1358



57.7332, 46.5170, 26.4536



30.1875, 46.5170, 43.0159



32.9878, 46.5170, 86.3618

Sweetspot

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



62.0241, 46.5192, 59.1367



82.6572, 79.5572, 91.3809



53.3477, 41.1387, 99.7366



17.2845, 16.3625, 18.9638



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.



62.0241, 46.5192, 59.1367



57.8719, 40.1593, 51.7579



57.4587, 45.1440, 33.7050



18.3626, 18.1284, 20.5266



23.3673, 11.8362, 10.5847



2.3298, 1.1743, 1.3180

Inverse Universe

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



62.0241, 46.5192, 59.1367



57.8719, 40.1593, 51.7579



65.4577, 83.9040, 107.3529



18.3626, 18.1284, 20.5266



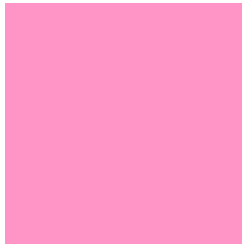
23.3673, 11.8362, 10.5847



2.3298, 1.1743, 1.3180

Previews

White Background



This preview shows how the XYZ color 62.0229, 46.5170, 59.1358 looks on a white background.

Color Contrast Check

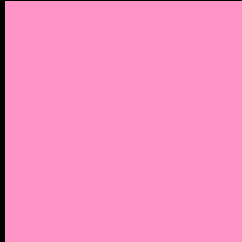
Large Text (above 18pt) WCAG AA × Fail

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 62.0229, 46.5170, 59.1358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

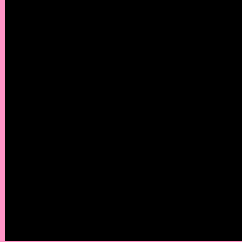
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0229, 46.5170, 59.1358

Background



This preview shows how black text looks on a background with the XYZ color 62.0229, 46.5170, 59.1358.



This preview shows how white text looks on a background with the XYZ color 62.0229, 46.5170,

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

62.0229, 46.5170, 59.1358

Protanopia

46.5630, 46.7557, 73.5884

Deuteranopia

47.8535, 46.8966, 56.9819



Tritanopia

58.5834, 46.5598, 41.9757

Trichromacy



Original Color

62.0229, 46.5170, 59.1358



Protanomaly

50.3891, 45.4049, 67.7362



Deuteranomaly

52.1018, 45.9643, 57.7557



Tritanomaly

59.7721, 46.5535, 47.9549

Monochromacy



Original Color

62.0229, 46.5170, 59.1358



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.9108, 47.0716, 55.1176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0229, 46.5170, 59.1358 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 198) }
```

Border

The CSS property to change the border of an element to XYZ 62.0229, 46.5170, 59.1358 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, 198) }
```


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

```
.border{ border-color:rgb(255, 148, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0229, 46.5170, 59.1358 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
148, 198) }
```

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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