

Converting Colors

XYZ(59.3074, 46.8578, 53.0837)

Have a look what the booklet for
XYZ(59.3074, 46.8578, 53.0837)
contains.

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Color

**XYZ(59.4024, 46.9870,
52.9523)**

Conversions

Conversions Part 1

Format	Color
Hex	F89BBB
RGB	248, 155, 187
RGB Percent	97%, 61%, 73%
CMY	0.0274, 0.3921, 0.2667
CMYK	0.00, 0.37, 0.25, 0.03
HSL	339°, 87%, 79%
HSV	339°, 37%, 97%
XYZ	59.4024, 46.9870, 52.9523
YIQ	186.4550, 45.1560, 29.6680

Conversions

Conversions Part 2

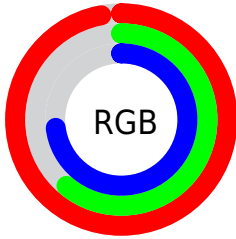
Format	Color
R _Y B	248, 155, 187
Decimal	16292795
CIE Lab	74.18, 38.78, -1.79
CIE LCh	74, 38.818, 357.351
Yxy	46.9870, 0.3728, 0.2949
Android (android.graphics.Color)	4294482875 (0xFFFF89BBB)
YUV	186.4550, 0.2687, 53.9750
Hunter-Lab	68.5471, 34.7295, 2.1817

Details

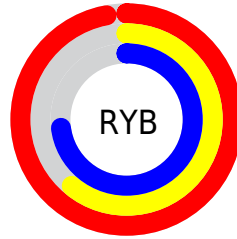
The XYZ color **59.4024, 46.9870, 52.9523** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.4817, 79.0624, 77.0952**, and the grayscale version is **46.9093, 49.3523, 53.7446**.

A 20% lighter version of the original color is **80.7119, 74.3196, 94.8852**, and **30.2897, 22.1711, 25.2373** is the 20% darker color. If you saturate the color by 10%, you get **54.0470, 38.9069, 43.0562**, and if you desaturate by 10%, it is **65.8053, 56.8456, 64.1719**.

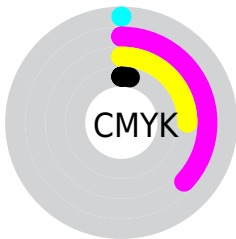
Distribution



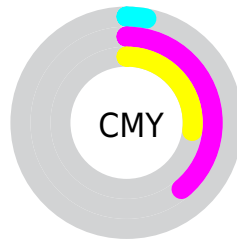
- Red (97%)
- Green (61%)
- Blue (73%)



- Red (97%)
- Yellow (61%)
- Blue (73%)



- Cyan (0%)
- Magenta (37%)
- Yellow (25%)
- Black (3%)





- Cyan (3%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4024, 46.9870, 52.9523 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 59.4024, 46.9870, 52.9523 by changing the saturation by 10% instead.


 59.4024, 46.9870,
52.9523


 59.4024, 46.9870,
52.9523


412.2616,
374.7626, 415.1632

 43.1848, 33.0254,
37.3772


 103.0736, 85.6942,
95.9750

 30.2252, 22.1459,
25.2016


 131.2578,
111.2086, 124.2597

 20.1585, 13.9641,
16.0069


164.1616,
141.3427, 157.6181

 12.6193, 8.0957,
9.3747

202.1503,
176.4809, 196.4686

 7.2421, 4.1563,
4.8862

245.5894,
217.0076, 241.2298

 3.6616, 1.7614,
2.1231

294.8440,

 1.5125, 0.4629,

263.3072, 292.3203

0.6295

350.2796,
315.7641, 350.1586

■ 0.3343, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4024, 46.9870,
52.9523

■ 59.4024, 46.9870,
52.9523

■ 54.0470, 38.9069,
43.0562

■ 65.8053, 56.8456,
64.1719

■ 49.6763, 32.4913,
34.4289

■ 73.3058, 68.5739,
76.7610

■ 46.2266, 27.6238,
27.0157

■ 81.9553, 82.2651,
90.7667

■ 43.6249, 24.1696,
20.7558

■ 91.8009, 98.0041,
106.2330

■ 41.7858, 21.9705,
15.5824

■ 92.5216, 98.6965,
108.7817

■ 40.5988, 20.8192,
11.4173

■ 40.3642, 20.6176,
10.5143

Harmonies

Analogous

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



56.8988, 46.9870, 74.7421



59.4024, 46.9870, 52.9523



57.6287, 46.9870, 35.4983

Triad

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



59.4024, 46.9870, 52.9523



38.7904, 46.9870, 24.1159



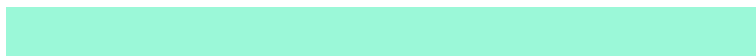
37.8236, 46.9870, 90.6811

Complementary

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



59.4024, 46.9870, 52.9523



59.4817, 79.0624, 77.0952

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.



33.7989, 46.9870, 70.8620



59.4024, 46.9870, 52.9523



34.3151, 46.9870, 33.1481

Square

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



59.4024, 46.9870, 52.9523



45.2810, 46.9870, 21.6364



32.5835, 46.9870, 49.4103



44.0442, 46.9870, 99.7767

Rectangle

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



59.4024, 46.9870, 52.9523



54.3515, 46.9870, 27.8360



32.5835, 46.9870, 49.4103



36.1946, 46.9870, 84.8361

Sweetspot

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



59.4037, 46.9892, 52.9532



83.9232, 82.2619, 91.2701



56.8232, 44.7378, 94.4477



17.6923, 17.1786, 19.0984



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.



59.4037, 46.9892, 52.9532



58.8654, 43.3736, 48.3053



58.8082, 50.6827, 37.6963



17.4911, 17.3238, 19.1758



21.8638, 11.1612, 5.9912



2.0727, 1.0528, 0.8062

Inverse Universe

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



59.4037, 46.9892, 52.9532



58.8654, 43.3736, 48.3053



59.8996, 72.6214, 99.6676



17.4911, 17.3238, 19.1758



21.8638, 11.1612, 5.9912



2.0727, 1.0528, 0.8062

Previews

White Background



This preview shows how the XYZ color 59.4024, 46.9870, 52.9523 looks on a white background.

Color Contrast Check

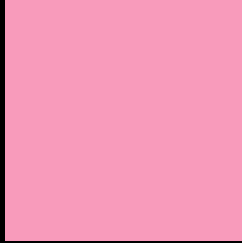
Large Text (above 18pt) WCAG AA × Fail

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 59.4024, 46.9870, 52.9523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

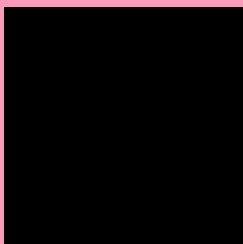
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4024, 46.9870, 52.9523

Background



This preview shows how black text looks on a background with the XYZ color 59.4024, 46.9870, 52.9523.



This preview shows how white text looks on a background with the XYZ color 59.4024, 46.9870,

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

59.4024, 46.9870, 52.9523

Protanopia

46.3298, 47.4710, 63.2209

Deuteranopia

48.0888, 47.1425, 51.3646



Tritanopia

57.4886, 46.9488, 44.0623

Trichromacy



Original Color

59.4024, 46.9870, 52.9523



Protanomaly

50.0074, 46.5154, 59.1660



Deuteranomaly

51.4550, 46.5883, 51.6279



Tritanomaly

58.2512, 47.0227, 47.0804

Monochromacy



Original Color

59.4024, 46.9870, 52.9523



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

50.4874, 47.7604, 53.0121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4024, 46.9870, 52.9523 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(248, 155, 187)` looks like.

```
.text, #text, p{  
    color:rgb(248, 155, 187)  
}
```

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(248, 155, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 155, 187) }
```

Border

The CSS property to change the border of an element to XYZ 59.4024, 46.9870, 52.9523 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(248, 155, 187) }
```


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

```
.border{ border-color:rgb(248, 155, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 155, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 155, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 155, 187);  
box-shadow:4px 4px 4px 4px rgb(248, 155,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4024, 46.9870, 52.9523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 155, 187) }
```

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

```
.background{ background-color: rgb(248,  
155, 187) }
```

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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