

# Converting Colors

XYZ(59.6498, 43.1677, 54.0378)

Have a look what the booklet for  
XYZ(59.6498, 43.1677, 54.0378)  
contains.

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# Color

**XYZ(59.6227, 43.1547,  
53.9024)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF8ABE
RGB	255, 138, 190
RGB Percent	100%, 54%, 75%
CMY	0.0000, 0.4588, 0.2549
CMYK	0.00, 0.46, 0.25, 0.00
HSL	333°, 100%, 77%
HSV	333°, 46%, 100%
XYZ	59.6227, 43.1547, 53.9024
YIQ	178.9110, 53.0400, 40.9760

# Conversions

## Conversions Part 2

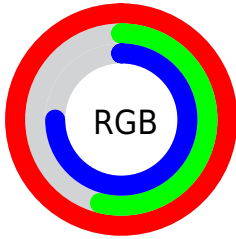
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 138, 190
Decimal	16747198
CIE Lab	71.66, 50.17, -7.08
CIE LCh	72, 50.670, 351.972
Yxy	43.1547, 0.3805, 0.2754
Android (android.graphics.Color)	4294937278 (0xFFFF8ABE)
YUV	178.9110, 5.4669, 66.7301
Hunter-Lab	65.6922, 47.0463, -2.6646

# Details

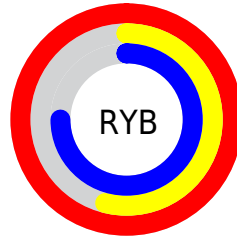
The XYZ color **59.6227, 43.1547, 53.9024** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **57.0227, 81.2360, 69.1786**, and the grayscale version is **42.7537, 44.9802, 48.9834**.

A 20% lighter version of the original color is **77.1663, 66.4974, 95.9570**, and **30.4506, 19.8826, 25.8997** is the 20% darker color. If you saturate the color by 10%, you get **54.9103, 36.0886, 45.0597**, and if you desaturate by 10%, it is **65.3467, 52.0026, 63.8259**.

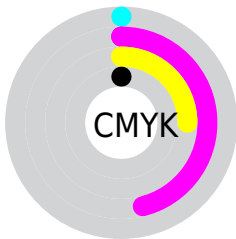
# Distribution



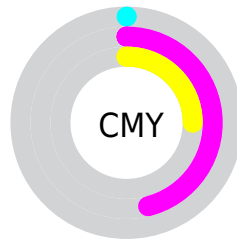
- Red (100%)
- Green (54%)
- Blue (75%)



- Red (100%)
- Yellow (54%)
- Blue (75%)



- Cyan (0%)
- Magenta (46%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (46%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6227, 43.1547, 53.9024 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 59.6227, 43.1547, 53.9024 by changing the saturation by 10% instead.





 59.6227, 43.1547,  
53.9024


 59.6227, 43.1547,  
53.9024


413.0627,  
359.2476, 418.9018


 43.3629, 30.0065,  
38.1310

 103.3916, 79.9443,  
97.3859

 30.3657, 19.8435,  
25.7818


 131.6314,  
104.3544, 125.9350

 20.2658, 12.2814,  
16.4361


 164.5953,  
133.2874, 159.5805

 12.6978, 6.9356,  
9.6756

202.6486,  
167.1275, 198.7409

 7.2963, 3.4219,  
5.0816

246.1566,  
206.2592, 243.8346

 3.6961, 1.3557,  
2.2357

295.4847,

 1.5317, 0.1838,

251.0668, 295.2804

0.6948

350.9983,  
301.9348, 353.4966

■ 0.3472, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.6227, 43.1547,  
53.9024

■ 59.6227, 43.1547,  
53.9024

■ 54.9103, 36.0886,  
45.0597

■ 65.3467, 52.0026,  
63.8259

■ 51.1407, 30.6743,  
37.2523

■ 72.1380, 62.7378,  
74.8676

■ 48.2416, 26.7742,  
30.4347

■ 80.0522, 75.4651,  
87.0660

■ 46.1277, 24.2248,  
24.5552

■ 89.1399, 90.2795,  
100.4566

■ 44.6937, 22.8240, 95.0500, 100.0000,  
19.5543 108.9000

■ 44.2391, 22.4596,  
17.7228

# Harmonies

## Analogous

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



55.4369, 43.1547, 82.5291



59.6227, 43.1547, 53.9024



58.3022, 43.1547, 31.4315

# Triad

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



59.6227, 43.1547, 53.9024



35.1479, 43.1547, 15.3754



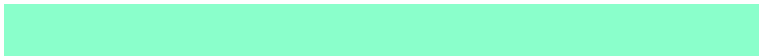
31.6682, 43.1547, 94.9103

# Complementary

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



59.6227, 43.1547, 53.9024



57.0227, 81.2360, 69.1786

# 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.



27.5385, 43.1547, 66.9805



59.6227, 43.1547, 53.9024



29.3437, 43.1547, 23.4732

# Square

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



59.6227, 43.1547, 53.9024



43.3653, 43.1547, 14.0081



26.7512, 43.1547, 40.6920



38.7555, 43.1547, 111.0375



# Rectangle

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



59.6227, 43.1547, 53.9024



54.5495, 43.1547, 21.9396



26.7512, 43.1547, 40.6920



29.9313, 43.1547, 86.2086

# Sweetspot

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



59.6239, 43.1568, 53.9032



81.6692, 78.0875, 89.4908



51.5923, 38.0049, 99.2242



17.0840, 16.0709, 18.5597



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.



59.6239, 43.1568, 53.9032



55.2860, 36.6420, 45.7953



55.7796, 42.9984, 29.4071



18.3448, 18.1212, 20.4329



23.1883, 11.7646, 9.6419



2.3117, 1.1671, 1.2230



# Inverse Universe

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



59.6239, 43.1568, 53.9032



55.2860, 36.6420, 45.7953



62.4546, 80.4682, 106.8480



18.3448, 18.1212, 20.4329



23.1883, 11.7646, 9.6419



2.3117, 1.1671, 1.2230



# Previews

## White Background



This preview shows how the XYZ color 59.6227, 43.1547, 53.9024 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

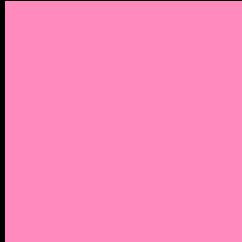
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.6227, 43.1547, 53.9024 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 59.6227, 43.1547, 53.9024**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.6227, 43.1547, 53.9024.



This preview shows how white text looks on a background with the XYZ color 59.6227, 43.1547,



# 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

59.6227, 43.1547, 53.9024

### Protanopia

43.0826, 43.2917, 69.0362

### Deuteranopia

44.2009, 43.4053, 51.3958



## Tritanopia

56.1867, 43.3128, 36.4092

# Trichromacy



## Original Color

59.6227, 43.1547, 53.9024



## Protanomaly

47.3175, 42.0396, 63.3782



## Deuteranomaly

48.7016, 42.4876, 52.0884



## Tritanomaly

57.2489, 43.0558, 42.3390

# Monochromacy



## Original Color

59.6227, 43.1547, 53.9024



## Achromatopsia

42.8472, 45.0786, 49.0906



## Achromatomaly

47.5548, 43.2352, 50.6386

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.6227, 43.1547, 53.9024 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, 138, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 190)  
}
```

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, 138, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 190) }
```

## Border

The CSS property to change the border of an element to XYZ 59.6227, 43.1547, 53.9024 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, 138, 190) }
```



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

```
.border{ border-color:rgb(255, 138, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
190) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.6227, 43.1547, 53.9024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 190) }
```

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

```
.background{ background-color: rgb(255,  
138, 190) }
```

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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