

Converting Colors

XYZ(58.2832, 40.3239, 53.9237)

Have a look what the booklet for
XYZ(58.2832, 40.3239, 53.9237)
contains.

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Color

**XYZ(58.3631, 40.4599,
54.0237)**

Conversions

Conversions Part 1

Format	Color
Hex	FF80BF
RGB	255, 128, 191
RGB Percent	100%, 50%, 75%
CMY	0.0000, 0.4980, 0.2510
CMYK	0.00, 0.50, 0.25, 0.00
HSL	330°, 100%, 75%
HSV	330°, 50%, 100%
XYZ	58.3631, 40.4599, 54.0237
YIQ	173.1550, 55.4690, 46.5170

Conversions

Conversions Part 2

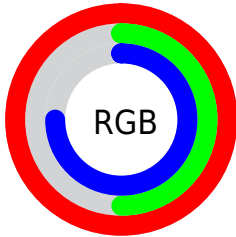
Format	Color
R_{YB}	255, 128, 191
Decimal	16744639
CIE _{Lab}	69.80, 55.17, -10.41
CIE _{LCh}	70, 56.145, 349.316
Yxy	40.4599, 0.3818, 0.2647
Android (android.graphics.Color)	4294934719 (0xFFFF80BF)
YUV	173.1550, 8.7976, 71.7781
Hunter-Lab	63.6081, 52.4671, -5.8306

Details

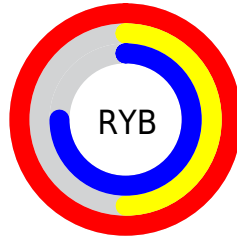
The XYZ color **58.3631, 40.4599, 54.0237** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.1783, 79.9158, 62.4426**, and the grayscale version is **39.7375, 41.8069, 45.5277**.

A 20% lighter version of the original color is **75.1690, 62.2564, 96.0505**, and **29.4757, 18.2022, 26.0046** is the 20% darker color. If you saturate the color by 10%, you get **54.0923, 34.0831, 45.9261**, and if you desaturate by 10%, it is **63.5957, 48.5614, 63.0550**.

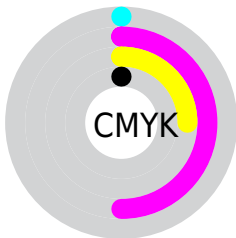
Distribution



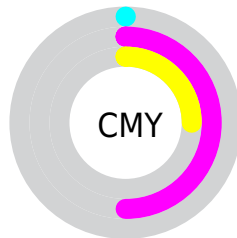
- Red (100%)
- Green (50%)
- Blue (75%)



- Red (100%)
- Yellow (50%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3631, 40.4599, 54.0237 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 58.3631, 40.4599, 54.0237 by changing the saturation by 10% instead.


 58.3631, 40.4599,
54.0237


 58.3631, 40.4599,
54.0237


408.4697,
348.0582, 419.3776


 42.3450, 27.8973,
38.2273

 101.5714, 75.8633,
97.5658

 29.5638, 18.2483,
25.8560


 129.4922, 99.4729,
126.1486

 19.6542, 11.1284,
16.4911

 162.1115,
127.5337, 159.8306

 12.2507, 6.1532,
9.7142

199.7943,
160.4300, 199.0303

 6.9881, 2.9385,
5.1068

242.9062,
198.5462, 244.1663

 3.5009, 1.0997,
2.2502

291.8125,

 1.4239, 0.0000,

242.2667, 295.6572

0.7031

346.8785,
291.9759, 353.9214

■ 0.2731, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3631, 40.4599,
54.0237

■ 58.3631, 40.4599,
54.0237

■ 54.0923, 34.0831,
45.9261

■ 63.5957, 48.5614,
63.0550

■ 50.7132, 29.2963,
38.7220

■ 69.8473, 58.4974,
73.0529

■ 48.1504, 25.9539,
32.3703

■ 77.1739, 70.3753,
84.0510

■ 46.3135, 23.8807,
26.8239

■ 85.6267, 84.2928,
96.0805

■ 45.0597, 22.7967,
22.0173

95.0500, 100.0000,
108.9000

■ 45.0376, 22.7791,
21.9281

Harmonies

Analogous

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



53.3259, 40.4599, 85.5128



58.3631, 40.4599, 54.0237



57.4667, 40.4599, 29.4574

Triad

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



58.3631, 40.4599, 54.0237



32.9484, 40.4599, 11.6468



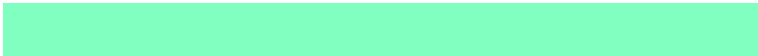
28.1306, 40.4599, 94.0917

Complementary

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



58.3631, 40.4599, 54.0237



54.1783, 79.9158, 62.4426

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.



24.1817, 40.4599, 62.8167



58.3631, 40.4599, 54.0237



26.6443, 40.4599, 18.7772

Square

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



58.3631, 40.4599, 54.0237



41.7955, 40.4599, 10.8603



23.6844, 40.4599, 35.3930



35.2992, 40.4599, 114.0176

Rectangle

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



58.3631, 40.4599, 54.0237



53.6610, 40.4599, 19.3018



23.6844, 40.4599, 35.3930



26.4343, 40.4599, 84.0925

Sweetspot

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



58.3642, 40.4618, 54.0245



81.0886, 76.7970, 89.6959



47.3828, 33.8020, 98.6348



16.9815, 15.8217, 18.6618



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.



58.3642, 40.4618, 54.0245



54.0166, 33.9728, 45.7743



52.8569, 38.2589, 25.0234



18.3851, 18.1373, 20.6450



23.6083, 11.9326, 11.8539



2.3537, 1.1839, 1.4442

Inverse Universe

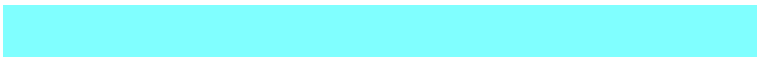
The Inverse Universe completely reimagines the original color for something new.



58.3642, 40.4618, 54.0245



54.0166, 33.9728, 45.7743



62.7132, 83.3297, 107.3867



18.3851, 18.1373, 20.6450



23.6083, 11.9326, 11.8539



2.3537, 1.1839, 1.4442

Previews

White Background



This preview shows how the XYZ color 58.3631, 40.4599, 54.0237 looks on a white background.

Color Contrast Check

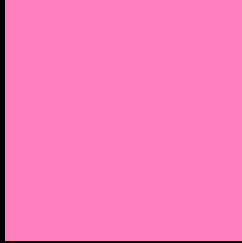
Large Text (above 18pt) WCAG AA × Fail

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 58.3631, 40.4599, 54.0237 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 58.3631, 40.4599, 54.0237

Background



This preview shows how black text looks on a background with the XYZ color 58.3631, 40.4599, 54.0237.



This preview shows how white text looks on a background with the XYZ color 58.3631, 40.4599,

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

58.3631, 40.4599, 54.0237

Protanopia

40.9434, 40.7070, 72.0290

Deuteranopia

41.4492, 40.5990, 51.5507



Tritanopia

53.9958, 40.5071, 32.5765

Trichromacy



Original Color

58.3631, 40.4599, 54.0237



Protanomaly

44.9331, 39.0027, 64.8346



Deuteranomaly

46.2103, 39.4542, 52.1936



Tritanomaly

55.2808, 40.3900, 39.5328

Monochromacy



Original Color

58.3631, 40.4599, 54.0237



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

44.9238, 40.1057, 48.5535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3631, 40.4599, 54.0237 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, 128, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 191)  
}
```

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, 128, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 191) }
```

Border

The CSS property to change the border of an element to XYZ 58.3631, 40.4599, 54.0237 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, 128, 191) }
```


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

```
.border{ border-color:rgb(255, 128, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3631, 40.4599, 54.0237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 191) }
```

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

```
.background{ background-color: rgb(255,  
128, 191) }
```

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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