

# Converting Colors

XYZ(55.7221, 43.6487, 40.3033)

Have a look what the booklet for  
XYZ(55.7221, 43.6487, 40.3033)  
contains.

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# Color

**XYZ(55.5585, 43.5983,  
40.1374)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F794A3
RGB	247, 148, 163
RGB Percent	97%, 58%, 64%
CMY	0.0314, 0.4196, 0.3608
CMYK	0.00, 0.40, 0.34, 0.03
HSL	351°, 86%, 77%
HSV	351°, 40%, 97%
XYZ	55.5585, 43.5983, 40.1374
YIQ	179.3110, 54.1890, 25.6530

# Conversions

## Conversions Part 2

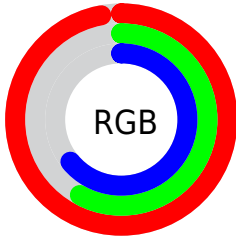
Format	Color
R <sub>Y</sub> B	247, 148, 163
Decimal	16225443
CIE Lab	71.96, 38.93, 8.25
CIE LCh	72, 39.792, 11.966
Yxy	43.5983, 0.3989, 0.3130
Android (android.graphics.Color)	4294415523 (0xFF794A3)
YUV	179.3110, -8.0413, 59.3633
Hunter-Lab	66.0290, 34.6437, 10.1794

# Details

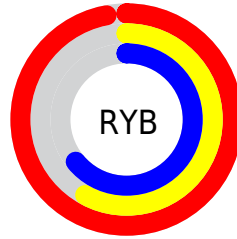
The XYZ color **55.5585, 43.5983, 40.1374** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.0410, 78.6445, 88.3635**, and the grayscale version is **43.0361, 45.2773, 49.3070**.

A 20% lighter version of the original color is **75.2508, 69.0338, 75.6884**, and **27.7005, 20.0235, 17.4439** is the 20% darker color. If you saturate the color by 10%, you get **50.3645, 35.9706, 29.8964**, and if you desaturate by 10%, it is **61.8927, 53.0079, 52.2948**.

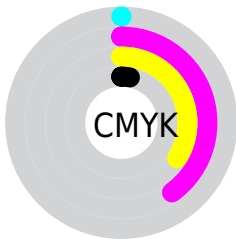
# Distribution



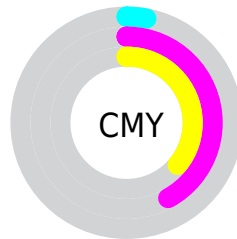
- Red (97%)
- Green (58%)
- Blue (64%)



- Red (97%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (34%)
- Black (3%)




- Cyan (3%)
- Magenta (42%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5585, 43.5983, 40.1374 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 55.5585, 43.5983, 40.1374 by changing the saturation by 10% instead.





 55.5585, 43.5983,  
40.1374


 55.5585, 43.5983,  
40.1374


398.1276,  
361.0665, 362.2717

 40.0847, 30.3548,  
27.3311


 97.5023, 80.6129,  
76.6121

 27.7891, 20.1081,  
17.5874


 124.7030,  
105.1529, 101.1175

 18.3064, 12.4736,  
10.4878


156.5434,  
134.2272, 130.3597

 11.2712, 7.0671,  
5.6138

193.3888,  
168.2201, 164.7573

 6.3182, 3.5041,  
2.5467

235.6045,  
207.5161, 204.7287

 3.0820, 1.4002,  
0.8648

283.5560,

 1.1973, 0.2169,

252.4996, 250.6926

0.0000

337.6086,  
303.5549, 303.0674

■ 0.1042, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 55.5585, 43.5983,  
40.1374

■ 55.5585, 43.5983,  
40.1374

■ 50.3645, 35.9706,  
29.8964

■ 61.8927, 53.0079,  
52.2948

■ 46.2388, 30.0060,  
21.4707

■ 69.4261, 64.2954,  
66.4572

■ 43.1066, 25.5818,  
14.7541

■ 78.2180, 77.5576,  
82.7108

■ 40.8821, 22.5550,  
9.6277

■ 88.3226, 92.8828,  
101.1361

■ 39.4639, 20.7561,  
5.9571

■ 92.1678, 98.5142,  
108.7651

■ 38.6982, 19.9103,  
3.5879

# Harmonies

## Analogous

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



55.1250, 43.5983, 60.0045



55.5585, 43.5983, 40.1374



51.9172, 43.5983, 26.6115

# Triad

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



55.5585, 43.5983, 40.1374



33.3120, 43.5983, 24.7549



37.5294, 43.5983, 92.6056

# Complementary

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



55.5585, 43.5983, 40.1374



60.0410, 78.6445, 88.3635

# 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.



32.4748, 43.5983, 77.0992



55.5585, 43.5983, 40.1374



30.2291, 43.5983, 36.8171

# Square

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



55.5585, 43.5983, 40.1374



38.7921, 43.5983, 19.4959



29.9404, 43.5983, 55.6478



44.2034, 43.5983, 94.2131



# Rectangle

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



55.5585, 43.5983, 40.1374



47.8787, 43.5983, 21.5371



29.9404, 43.5983, 55.6478



35.6041, 43.5983, 88.6833

# Sweetspot

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



55.5597, 43.6004, 40.1382



82.1510, 80.4457, 85.3521



60.1736, 44.8033, 93.4721



17.3097, 16.8047, 17.7640



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.



55.5597, 43.6004, 40.1382



55.1701, 40.1646, 34.1825



60.2284, 54.9620, 35.4541



16.6014, 16.5234, 17.6477



20.4981, 10.5427, 2.0655



1.8316, 0.9386, 0.3397



# Inverse Universe

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



55.5597, 43.6004, 40.1382



55.1701, 40.1646, 34.1825



53.0496, 61.1062, 96.9943



16.6014, 16.5234, 17.6477



20.4981, 10.5427, 2.0655



1.8316, 0.9386, 0.3397



# Previews

## White Background



This preview shows how the XYZ color 55.5585, 43.5983, 40.1374 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

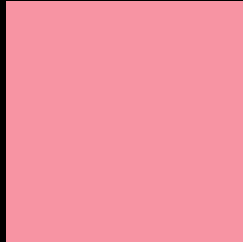
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 55.5585, 43.5983, 40.1374 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 55.5585, 43.5983, 40.1374**

## **Background**



This preview shows how black text looks on a background with the XYZ color 55.5585, 43.5983, 40.1374.



This preview shows how white text looks on a background with the XYZ color 55.5585, 43.5983,

40.1374.

# 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

55.5585, 43.5983, 40.1374

### Protanopia

42.1516, 43.8487, 48.3615

### Deuteranopia

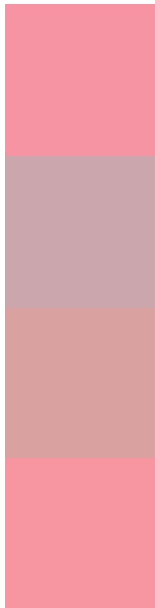
44.4522, 43.5320, 38.8605



## Tritanopia

55.4504, 43.8071, 38.7908

# Trichromacy



## Original Color

55.5585, 43.5983, 40.1374

## Protanomaly

46.0809, 43.1269, 45.4308

## Deuteranomaly

47.8808, 43.1304, 39.0591

## Tritanomaly

55.5382, 43.8423, 39.2534

# Monochromacy



## Original Color

55.5585, 43.5983, 40.1374

## Achromatopsia

42.8472, 45.0786, 49.0906

## Achromatomaly

46.4473, 43.8598, 45.5529

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 55.5585, 43.5983, 40.1374 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(247, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(247, 148, 163)  
}
```

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(247, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 148, 163) }
```

## Border

The CSS property to change the border of an element to XYZ 55.5585, 43.5983, 40.1374 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(247, 148, 163) }
```



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

```
.border{ border-color:rgb(247, 148, 163) }
```

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

Here you see how a box with a 4 pixel rgb(247, 148, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(247, 148,  
163) }
```

# Background

The CSS property to change the background color of an element to XYZ 55.5585, 43.5983, 40.1374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 148, 163) }
```

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

```
.background{ background-color: rgb(247,  
148, 163) }
```

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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