

Converting Colors

XYZ(87.9105, 58.6186, 44.4526)

Have a look what the booklet for
XYZ(87.9105, 58.6186, 44.4526)
contains.

XYZ(57.9263, 43.1743, 42.8165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.9263, 43.1743,
42.8165)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8DA9
RGB	255, 141, 169
RGB Percent	100%, 55%, 66%
CMY	0.0000, 0.4470, 0.3373
CMYK	0.00, 0.45, 0.34, 0.00
HSL	345°, 100%, 78%
HSV	345°, 45%, 100%
XYZ	57.9263, 43.1743, 42.8165
YIQ	178.2780, 58.9560, 32.8760

Conversions

Conversions Part 2

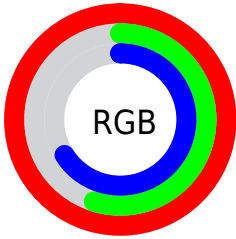
Format	Color
R_{YB}	255, 141, 169
Decimal	16747945
CIE _{Lab}	71.67, 46.02, 4.63
CIE _{LCh}	72, 46.250, 5.751
Yxy	43.1743, 0.4025, 0.3000
Android (android.graphics.Color)	4294938025 (0xFFFF8DA9)
YUV	178.2780, -4.5741, 67.2852
Hunter-Lab	65.7072, 42.3750, 7.3601

Details

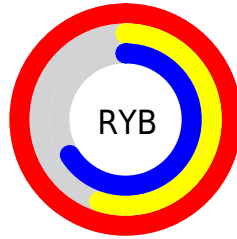
The XYZ color **57.9263, 43.1743, 42.8165** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.6117, 82.7297, 85.4513**, and the grayscale version is **42.4669, 44.6784, 48.6548**.

A 20% lighter version of the original color is **74.6608, 66.5743, 79.4361**, and **29.2063, 19.8659, 19.1248** is the 20% darker color. If you saturate the color by 10%, you get **52.9147, 35.8318, 32.8815**, and if you desaturate by 10%, it is **64.0714, 52.3583, 54.4412**.

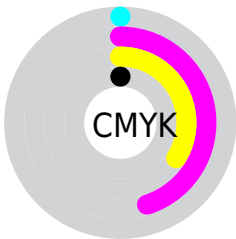
Distribution



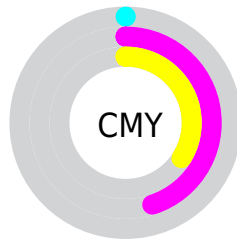
- Red (100%)
- Green (55%)
- Blue (66%)



- Red (100%)
- Yellow (55%)
- Blue (66%)



- Cyan (0%)
- Magenta (45%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9263, 43.1743, 42.8165 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 57.9263, 43.1743, 42.8165 by changing the saturation by 10% instead.


 57.9263, 43.1743,
42.8165

 57.9263, 43.1743,
42.8165


406.8695,
359.3281, 373.7556

 41.9924, 30.0219,
29.4108

 100.9391, 79.9738,
80.7173

 29.2864, 19.8552,
19.1436


 128.7488,
104.3897, 106.0494

 19.4430, 12.2898,
11.5962


161.2477,
133.3289, 136.1942

 12.0967, 6.9414,
6.3502

198.8013,
167.1758, 171.5701

 6.8822, 3.4255,
2.9869

241.7750,
206.3148, 212.5956

 3.4342, 1.3577,
1.0880

290.5340,

 1.3873, 0.1852,

251.1302, 259.6893

0.0000

345.4437,
302.0065, 313.2698

■ 0.2472, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.9263, 43.1743,
42.8165

■ 57.9263, 43.1743,
42.8165

■ 52.9147, 35.8318,
32.8815

■ 64.0714, 52.3583,
54.4412

■ 48.9614, 30.1994,
24.5529

■ 71.4120, 63.4907,
67.8285

■ 45.9872, 26.1383,
17.7434

■ 80.0095, 76.6778,
83.0498

■ 43.8997, 23.4851,
12.3559

■ 89.9199, 92.0163,
100.1719

■ 42.5869, 22.0395, 95.0500, 100.0000,
8.2801 108.9000

■ 42.1267, 21.6147,
6.5991

Harmonies

Analogous

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



56.3633, 43.1743, 67.0511



57.9263, 43.1743, 42.8165



54.5181, 43.1743, 26.0366

Triad

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



57.9263, 43.1743, 42.8165



32.8473, 43.1743, 19.9665



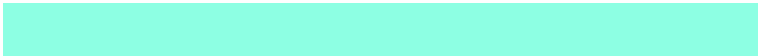
35.1539, 43.1743, 98.3486

Complementary

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



57.9263, 43.1743, 42.8165



60.6117, 82.7297, 85.4513

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.



29.9826, 43.1743, 76.9962



57.9263, 43.1743, 42.8165



28.7744, 43.1743, 31.4216

Square

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



57.9263, 43.1743, 42.8165



39.5444, 43.1743, 15.8203



27.7963, 43.1743, 51.4676



42.5644, 43.1743, 104.3384

Rectangle

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



57.9263, 43.1743, 42.8165



50.1126, 43.1743, 19.6019



27.7963, 43.1743, 51.4676



33.1272, 43.1743, 92.4588

Sweetspot

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



57.9274, 43.1764, 42.8173



81.6031, 79.1356, 85.8299



59.0975, 42.5218, 99.7005



17.0259, 16.2591, 17.6022



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.



57.9274, 43.1764, 42.8173



53.2316, 36.2907, 33.5267



60.3304, 51.7476, 32.0106



18.1923, 18.0602, 19.6296



22.0612, 11.3138, 3.7068



2.1891, 1.1180, 0.5772

Inverse Universe

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



57.9274, 43.1764, 42.8173



53.2316, 36.2907, 33.5267



56.3687, 67.5493, 104.6751



18.1923, 18.0602, 19.6296



22.0612, 11.3138, 3.7068



2.1891, 1.1180, 0.5772

Previews

White Background



This preview shows how the XYZ color 57.9263, 43.1743, 42.8165 looks on a white background.

Color Contrast Check

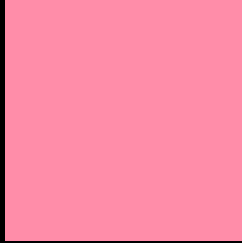
Large Text (above 18pt) WCAG AA × Fail

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 57.9263, 43.1743, 42.8165 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 57.9263, 43.1743, 42.8165

Background



This preview shows how black text looks on a background with the XYZ color 57.9263, 43.1743, 42.8165.



This preview shows how white text looks on a background with the XYZ color 57.9263, 43.1743,

42.8165.

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

57.9263, 43.1743, 42.8165

Protanopia

42.4198, 43.5642, 54.3171

Deuteranopia

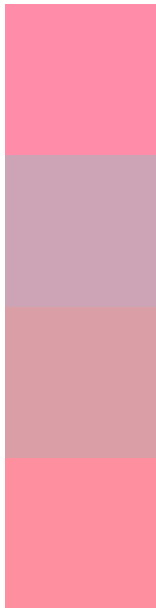
44.1015, 43.3001, 41.1553



Tritanopia

56.6790, 43.3504, 35.9520

Trichromacy



Original Color

57.9263, 43.1743, 42.8165

Protanomaly

46.7175, 42.5509, 50.0068

Deuteranomaly

48.1945, 42.4549, 41.7309

Tritanomaly

56.9535, 43.2190, 38.1412

Monochromacy



Original Color

57.9263, 43.1743, 42.8165

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

46.6466, 43.1272, 46.4233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9263, 43.1743, 42.8165 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, 141, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 169)  
}
```

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, 141, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 169) }
```

Border

The CSS property to change the border of an element to XYZ 57.9263, 43.1743, 42.8165 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, 141, 169) }
```


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

```
.border{ border-color:rgb(255, 141, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 141, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 141, 169); box-shadow:4px 4px 4px 4px rgb(255, 141, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9263, 43.1743, 42.8165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 169) }
```

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

```
.background{ background-color: rgb(255,  
141, 169) }
```

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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