

Converting Colors

XYZ(61.2048, 44.4630, 51.9510)

Have a look what the booklet for
XYZ(61.2048, 44.4630, 51.9510)
contains.

| | |
|--|----|
| XYZ(59.4810, 43.5613, 51.7276) | 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(59.4810, 43.5613,
51.7276)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8CBA |
| RGB | 255, 140, 186 |
| RGB Percent | 100%, 55%, 73% |
| CMY | 0.0000, 0.4510, 0.2706 |
| CMYK | 0.00, 0.45, 0.27, 0.00 |
| HSL | 336°, 100%, 77% |
| HSV | 336°, 45%, 100% |
| XYZ | 59.4810, 43.5613, 51.7276 |
| YIQ | 179.6290, 53.7740, 38.6860 |

Conversions

Conversions Part 2

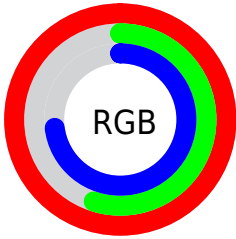
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 140, 186 |
| Decimal | 16747706 |
| CIE Lab | 71.93, 48.65, -4.45 |
| CIE LCh | 72, 48.853, 354.778 |
| Yxy | 43.5613, 0.3843, 0.2815 |
| Android (android.graphics.Color) | 4294937786 (0xFFFF8CBA) |
| YUV | 179.6290, 3.1409, 66.1004 |
| Hunter-Lab | 66.0010, 45.3649, -0.2672 |

Details

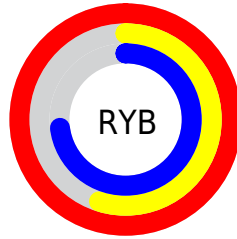
The XYZ color **59.4810, 43.5613, 51.7276** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.0857, 81.6998, 73.0336**, and the grayscale version is **43.1483, 45.3954, 49.4356**.

A 20% lighter version of the original color is **77.0069, 67.1507, 92.9071**, and **30.3264, 20.0848, 24.4687** is the 20% darker color. If you saturate the color by 10%, you get **54.6368, 36.3381, 42.5127**, and if you desaturate by 10%, it is **65.3649, 52.5847, 62.1493**.

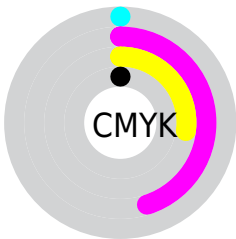
Distribution



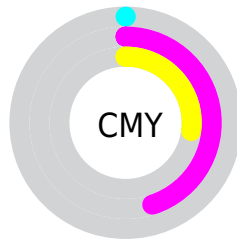
- Red (100%)
- Green (55%)
- Blue (73%)



- Red (100%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4810, 43.5613, 51.7276 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 59.4810, 43.5613, 51.7276 by changing the saturation by 10% instead.


 59.4810, 43.5613,
51.7276


 59.4810, 43.5613,
51.7276


412.5476,
360.9150, 410.3111

 43.2483, 30.3258,
36.4073

 103.1871, 80.5572,
94.1519

 30.2754, 20.0860,
24.4567

 131.3911,
105.0864, 122.0929

 20.1968, 12.4576,
15.4574


164.3164,
134.1488, 155.0778

 12.6473, 7.0561,
8.9909

202.3281,
168.1291, 193.5253

 7.2614, 3.4972,
4.6385

245.7918,
207.4114, 237.8538

 3.6739, 1.3965,
1.9818

295.0727,

 1.5194, 0.2141,

252.3802, 288.4819

0.5440

350.5361,
303.4200, 345.8282

■ 0.3389, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4810, 43.5613,
51.7276

■ 59.4810, 43.5613,
51.7276

■ 54.6368, 36.3381,
42.5127

■ 65.3649, 52.5847,
62.1493

■ 50.7630, 30.7859,
34.4534

■ 72.3450, 63.5136,
73.8212

■ 47.7866, 26.7678,
27.4973

■ 80.4776, 76.4525,
86.7869

■ 45.6221, 24.1222,
21.5860

■ 89.8141, 91.4963,
101.0874

■ 44.1649, 22.6503, 95.0500, 100.0000,
16.6530 108.9000

■ 43.6379, 22.2192,
14.5573

Harmonies

Analogous

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



55.9079, 43.5613, 79.0941



59.4810, 43.5613, 51.7276



57.7070, 43.5613, 30.6930

Triad

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



59.4810, 43.5613, 51.7276



35.0499, 43.5613, 16.7928



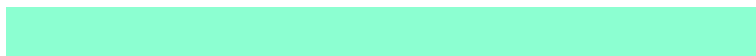
32.8395, 43.5613, 95.6124

Complementary

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



59.4810, 43.5613, 51.7276



58.0857, 81.6998, 73.0336

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.



28.5025, 43.5613, 69.3589



59.4810, 43.5613, 51.7276



29.6538, 43.5613, 25.5966

Square

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



59.4810, 43.5613, 51.7276



42.8780, 43.5613, 14.8552



27.4193, 43.5613, 43.3789



39.9636, 43.5613, 109.3106

Rectangle

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



59.4810, 43.5613, 51.7276



53.8396, 43.5613, 21.9108



27.4193, 43.5613, 43.3789



31.0474, 43.5613, 87.6108

Sweetspot

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



59.4821, 43.5634, 51.7284



81.4407, 77.9961, 88.2876



53.7243, 39.5339, 99.4070



17.0286, 16.0487, 18.2678



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.



59.4821, 43.5634, 51.7284



55.1189, 37.0456, 43.4649



57.1224, 45.4501, 30.5756



18.3104, 18.1075, 20.2515



22.8706, 11.6375, 7.9689



2.2790, 1.1540, 1.0508

Inverse Universe

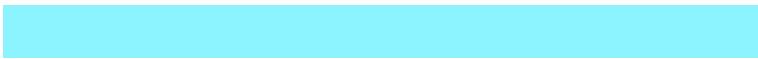
The Inverse Universe completely reimagines the original color for something new.



59.4821, 43.5634, 51.7284



55.1189, 37.0456, 43.4649



61.0670, 77.1973, 106.2897



18.3104, 18.1075, 20.2515



22.8706, 11.6375, 7.9689



2.2790, 1.1540, 1.0508

Previews

White Background



This preview shows how the XYZ color 59.4810, 43.5613, 51.7276 looks on a white background.

Color Contrast Check

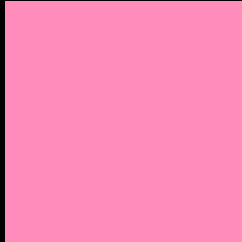
Large Text (above 18pt) WCAG AA × Fail

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 59.4810, 43.5613, 51.7276 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 59.4810, 43.5613, 51.7276

Background



This preview shows how black text looks on a background with the XYZ color 59.4810, 43.5613, 51.7276.



This preview shows how white text looks on a background with the XYZ color 59.4810, 43.5613,

51.7276.

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

59.4810, 43.5613, 51.7276

Protanopia

43.2927, 43.7601, 65.8393

Deuteranopia

44.6416, 43.6685, 49.7921



Tritanopia

56.4245, 43.6535, 36.9046

Trichromacy



Original Color

59.4810, 43.5613, 51.7276



Protanomaly

47.4331, 42.4283, 60.3331



Deuteranomaly

49.1424, 43.0076, 50.5110



Tritanomaly

57.4563, 43.6192, 41.9503

Monochromacy



Original Color

59.4810, 43.5613, 51.7276



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

47.6308, 43.5531, 50.1521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4810, 43.5613, 51.7276 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, 140, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 186)  
}
```

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, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 186) }
```

Border

The CSS property to change the border of an element to XYZ 59.4810, 43.5613, 51.7276 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, 140, 186) }
```


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

```
.border{ border-color:rgb(255, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4810, 43.5613, 51.7276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 186) }
```

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

```
.background{ background-color: rgb(255,  
140, 186) }
```

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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