

Converting Colors

XYZ(53.4378, 43.4874, 51.3170)

Have a look what the booklet for
XYZ(53.4378, 43.4874, 51.3170)
contains.

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Color

**XYZ(53.4269, 43.4411,
51.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	E899B9
RGB	232, 153, 185
RGB Percent	91%, 60%, 73%
CMY	0.0902, 0.4000, 0.2745
CMYK	0.00, 0.34, 0.20, 0.09
HSL	336°, 63%, 75%
HSV	336°, 34%, 91%
XYZ	53.4269, 43.4411, 51.4680
YIQ	180.2690, 36.8120, 26.7000

Conversions

Conversions Part 2

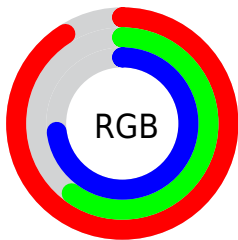
Format	Color
R _Y B	232, 153, 185
Decimal	15243705
CIE Lab	71.85, 33.97, -4.32
CIE LCh	72, 34.242, 352.744
Yxy	43.4411, 0.3602, 0.2929
Android (android.graphics.Color)	4293433785 (0xFFE899B9)
YUV	180.2690, 2.3324, 45.3681
Hunter-Lab	65.9099, 29.3508, -0.1617

Details

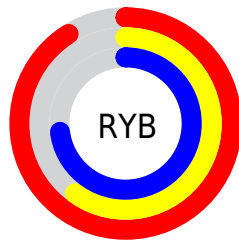
The XYZ color **53.4269, 43.4411, 51.4680** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **52.4207, 68.6568, 65.1362**, and the grayscale version is **43.5020, 45.7675, 49.8409**.

A 20% lighter version of the original color is **79.6731, 72.7226, 93.0567**, and **26.4977, 20.0873, 24.3104** is the 20% darker color. If you saturate the color by 10%, you get **48.6053, 36.0174, 43.0172**, and if you desaturate by 10%, it is **59.1307, 52.4019, 60.9119**.

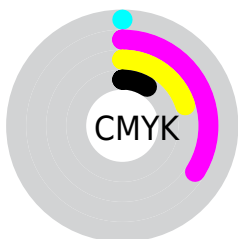
Distribution



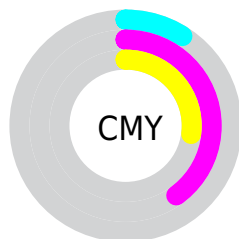
- Red (91%)
- Green (60%)
- Blue (73%)



- Red (91%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4269, 43.4411, 51.4680 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 53.4269, 43.4411, 51.4680 by changing the saturation by 10% instead.

 53.4269, 43.4411,
51.4680


 53.4269, 43.4411,
51.4680

390.1549,
360.4227, 409.2777

 38.3725, 30.2314,
36.2019


 94.3941, 80.3761,
93.7648

 26.4505, 20.0143,
24.2992


 121.0376,
104.8701, 121.6325

 17.2954, 12.4054,
15.3415


152.2749,
133.8943, 154.5378

 10.5419, 7.0204,
8.9101

188.4712,
167.8332, 192.8993

 5.8247, 3.4749,
4.5866

229.9921,
207.0711, 237.1355

 2.7784, 1.3844,
1.9524

277.2027,

 1.0377, 0.2052,

251.9923, 287.6649

0.5257

330.4686,
302.9814, 344.9062

■ 0.0000, 0.0000,
0.0000

■ 53.4269, 43.4411,
51.4680

■ 53.4269, 43.4411,
51.4680

■ 48.6053, 36.0174,
43.0172

■ 59.1307, 52.4019,
60.9119

■ 44.6151, 30.0371,
35.5213

■ 65.7563, 62.9741,
71.3795

■ 41.4061, 25.4058,
28.9434

■ 73.3454, 75.2346,
82.9036

■ 38.9205, 22.0152,
23.2424

■ 81.9358, 89.2536,
95.5144

■ 37.0921, 19.7400,
18.3734

■ 86.9311, 95.8328,
107.6967

■ 35.8406, 18.4277,
14.2853

■ 87.0889, 95.8959,
108.5274

■ 35.2978, 17.9634,
12.1887

Harmonies

Analogous

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



50.8616, 43.4411, 69.4977



53.4269, 43.4411, 51.4680



52.5045, 43.4411, 35.9503

Triad

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



53.4269, 43.4411, 51.4680



37.1087, 43.4411, 23.4555



34.8733, 43.4411, 77.7017

Complementary

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



53.4269, 43.4411, 51.4680



52.4207, 68.6568, 65.1362

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.



31.7972, 43.4411, 60.8175



53.4269, 43.4411, 51.4680



33.0006, 43.4411, 30.4172

Square

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



53.4269, 43.4411, 51.4680



42.7203, 43.4411, 22.0814



31.1453, 43.4411, 43.3633



39.8910, 43.4411, 86.7903

Rectangle

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



53.4269, 43.4411, 51.4680



50.0734, 43.4411, 28.6975



31.1453, 43.4411, 43.3633



33.5980, 43.4411, 72.5836

Sweetspot

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



53.4281, 43.4431, 51.4689



85.1005, 83.8568, 94.0050



49.5338, 40.7645, 81.6019



17.9370, 17.5005, 19.6960



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.



53.4281, 43.4431, 51.4689



61.8212, 47.0577, 56.1574



51.5288, 44.4553, 36.0044



14.6177, 14.4643, 16.1872



19.6545, 9.9960, 7.0754



1.4974, 0.7567, 0.7600

Inverse Universe

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



53.4281, 43.4431, 51.4689



61.8212, 47.0577, 56.1574



54.7418, 66.6756, 86.3288



14.6177, 14.4643, 16.1872



19.6545, 9.9960, 7.0754



1.4974, 0.7567, 0.7600

Previews

White Background



This preview shows how the XYZ color 53.4269, 43.4411, 51.4680 looks on a white background.

Color Contrast Check

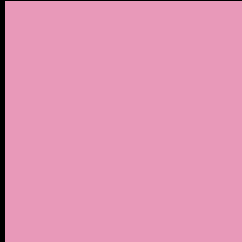
Large Text (above 18pt) WCAG AA × Fail

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 53.4269, 43.4411, 51.4680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

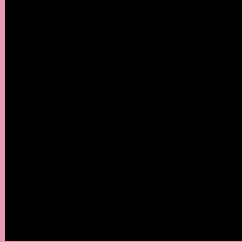
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.4269, 43.4411, 51.4680

Background



This preview shows how black text looks on a background with the XYZ color 53.4269, 43.4411, 51.4680.



This preview shows how white text looks on a background with the XYZ color 53.4269, 43.4411,

51.4680.

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

53.4269, 43.4411, 51.4680

Protanopia

42.8724, 43.6677, 60.2019

Deuteranopia

44.4923, 43.5796, 50.3227



Tritanopia

51.5895, 43.4271, 42.7090

Trichromacy



Original Color

53.4269, 43.4411, 51.4680



Protanomaly

45.8045, 43.0018, 56.9250



Deuteranomaly

47.2763, 43.0916, 50.6255



Tritanomaly

52.3163, 43.4876, 45.6810

Monochromacy



Original Color

53.4269, 43.4411, 51.4680



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

46.3714, 44.2690, 50.3567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4269, 43.4411, 51.4680 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(232, 153, 185)` looks like.

```
.text, #text, p{  
    color:rgb(232, 153, 185)  
}
```

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(232, 153, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 153, 185) }
```

Border

The CSS property to change the border of an element to XYZ 53.4269, 43.4411, 51.4680 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(232, 153, 185) }
```


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

```
.border{ border-color:rgb(232, 153, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 153, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 153, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 153, 185); box-shadow:4px 4px 4px 4px rgb(232, 153, 185) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4269, 43.4411, 51.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 153, 185) }
```

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

```
.background{ background-color: rgb(232,  
153, 185) }
```

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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