

Converting Colors

XYZ(63.9381, 51.7252, 55.5264)

Have a look what the booklet for
XYZ(63.9381, 51.7252, 55.5264)
contains.

XYZ(63.9894, 51.8880, 55.3580)	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(63.9894, 51.8880,
55.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5BE
RGB	255, 165, 190
RGB Percent	100%, 65%, 75%
CMY	0.0000, 0.3529, 0.2549
CMYK	0.00, 0.35, 0.25, 0.00
HSL	343°, 100%, 82%
HSV	343°, 35%, 100%
XYZ	63.9894, 51.8880, 55.3580
YIQ	194.7600, 45.6150, 26.8550

Conversions

Conversions Part 2

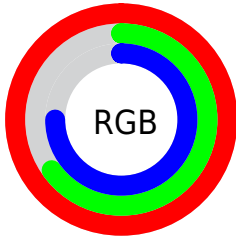
Format	Color
R_{YB}	255, 165, 190
Decimal	16754110
CIE _{Lab}	77.21, 36.44, 1.09
CIE _{LCh}	77, 36.454, 1.710
Yxy	51.8880, 0.3737, 0.3030
Android (android.graphics.Color)	4294944190 (0xFFFFA5BE)
YUV	194.7600, -2.3467, 52.8305
Hunter-Lab	72.0333, 32.5087, 4.8586

Details

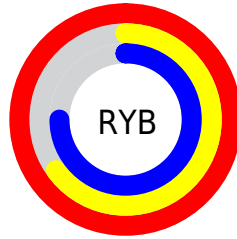
The XYZ color **63.9894, 51.8880, 55.3580** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.5621, 85.2335, 87.8631**, and the grayscale version is **51.7247, 54.4184, 59.2617**.

A 20% lighter version of the original color is **83.7310, 79.6267, 98.1452**, and **33.3355, 25.2648, 26.7865** is the 20% darker color. If you saturate the color by 10%, you get **57.9526, 42.8349, 44.0338**, and if you desaturate by 10%, it is **71.2002, 62.8815, 68.3297**.

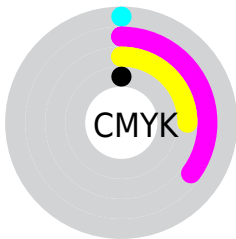
Distribution



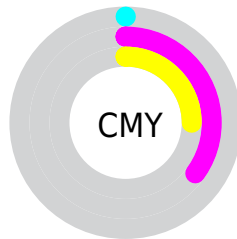
- Red (100%)
- Green (65%)
- Blue (75%)



- Red (100%)
- Yellow (65%)
- Blue (75%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9894, 51.8880, 55.3580 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 63.9894, 51.8880, 55.3580 by changing the saturation by 10% instead.


 63.9894, 51.8880,
55.3580

 63.9894, 51.8880,
55.3580


428.7542,
394.0041, 424.5877

 46.9037, 36.9158,
39.2879


 109.6695, 92.9660,
99.5417

 33.1672, 25.1423,
26.6742


 138.9946,
119.8407, 128.4923

 22.4144, 16.1831,
17.0984


173.1303,
151.4516, 162.5736

 14.2800, 9.6538,
10.1420

212.4419,
188.1832, 202.2040

 8.3987, 5.1700,
5.3864

257.2947,
230.4198, 247.8020

 4.4050, 2.3474,
2.4130

308.0541,

 1.9337, 0.7986,

278.5459, 299.7863

0.7935

365.0855,
332.9459, 358.5754

■ 0.5963, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9894, 51.8880,
55.3580

■ 63.9894, 51.8880,
55.3580

■ 57.9526, 42.8349,
44.0338

■ 71.2002, 62.8815,
68.3297

■ 53.0215, 35.6015,
34.2861

■ 79.6401, 75.9121,
83.0098

■ 49.1269, 30.0651,
26.0427

■ 89.3657, 91.0790,
99.4598

■ 46.1895, 26.0844,
19.2243

95.0500, 100.0000,
108.9000

■ 44.1179, 23.4951,
13.7434

■ 42.8009, 22.0949,
9.5008

■ 42.3717, 21.7127,
7.8892

Harmonies

Analogous

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



62.1079, 51.8880, 76.7466



63.9894, 51.8880, 55.3580



61.6420, 51.8880, 38.6035

Triad

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



63.9894, 51.8880, 55.3580



42.5934, 51.8880, 29.6966



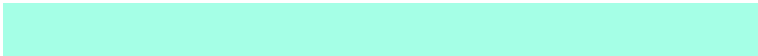
43.2256, 51.8880, 97.5615

Complementary

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



63.9894, 51.8880, 55.3580



65.5621, 85.2335, 87.8631

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.



38.7569, 51.8880, 79.2091



63.9894, 51.8880, 55.3580



38.4168, 51.8880, 40.1653

Square

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



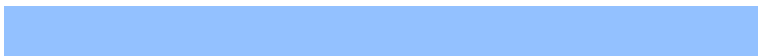
63.9894, 51.8880, 55.3580



48.9186, 51.8880, 26.1236



37.0803, 51.8880, 57.6519



49.7196, 51.8880, 104.2955

Rectangle

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



63.9894, 51.8880, 55.3580



58.1124, 51.8880, 31.3759



37.0803, 51.8880, 57.6519



41.4589, 51.8880, 92.3624

Sweetspot

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



63.9907, 51.8904, 55.3590



83.6533, 82.1540, 89.8492



63.9798, 50.8733, 101.0552



17.6283, 17.1530, 18.7613



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.



63.9907, 51.8904, 55.3590



59.8146, 45.6086, 47.5840



65.2778, 58.4681, 43.4454



18.2167, 18.0700, 19.7581



22.1941, 11.3669, 4.4066



2.2049, 1.1243, 0.6605

Inverse Universe

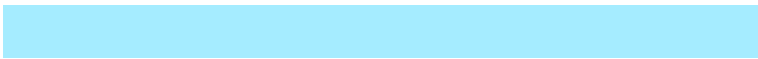
The Inverse Universe completely reimagines the original color for something new.



63.9907, 51.8904, 55.3590



59.8146, 45.6086, 47.5840



63.4205, 74.9242, 105.7270



18.2167, 18.0700, 19.7581



22.1941, 11.3669, 4.4066



2.2049, 1.1243, 0.6605

Previews

White Background



This preview shows how the XYZ color 63.9894, 51.8880, 55.3580 looks on a white background.

Color Contrast Check

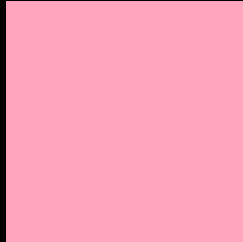
Large Text (above 18pt) WCAG AA × Fail

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 63.9894, 51.8880, 55.3580 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 63.9894, 51.8880, 55.3580

Background



This preview shows how black text looks on a background with the XYZ color 63.9894, 51.8880, 55.3580.



This preview shows how white text looks on a background with the XYZ color 63.9894, 51.8880,

55.3580.

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

63.9894, 51.8880, 55.3580

Protanopia

50.9188, 52.3111, 65.1709

Deuteranopia

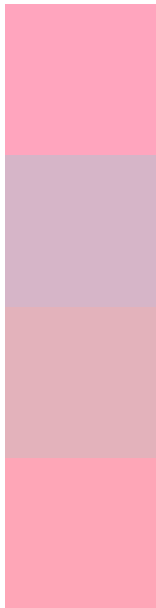
53.0759, 52.0920, 53.7117



Tritanopia

62.8285, 51.9629, 49.3663

Trichromacy



Original Color

63.9894, 51.8880, 55.3580

Protanomaly

54.6808, 51.5140, 61.7048

Deuteranomaly

56.5686, 51.7595, 54.0228

Tritanomaly

63.0565, 51.7622, 51.4674

Monochromacy



Original Color

63.9894, 51.8880, 55.3580

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

55.3814, 52.8829, 57.7406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9894, 51.8880, 55.3580 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, 165, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 190)  
}
```

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, 165, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 190) }
```

Border

The CSS property to change the border of an element to XYZ 63.9894, 51.8880, 55.3580 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, 165, 190) }
```


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

```
.border{ border-color:rgb(255, 165, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9894, 51.8880, 55.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 190) }
```

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

```
.background{ background-color: rgb(255,  
165, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor