

Converting Colors

XYZ(69.0538, 54.4574, 53.3407)

Have a look what the booklet for
XYZ(69.0538, 54.4574, 53.3407)
contains.

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Color

**XYZ(63.5581, 51.7154,
53.0866)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA5BA
RGB	255, 165, 186
RGB Percent	100%, 65%, 73%
CMY	0.0000, 0.3529, 0.2706
CMYK	0.00, 0.35, 0.27, 0.00
HSL	346°, 100%, 82%
HSV	346°, 35%, 100%
XYZ	63.5581, 51.7154, 53.0866
YIQ	194.3040, 46.8990, 25.6110

Conversions

Conversions Part 2

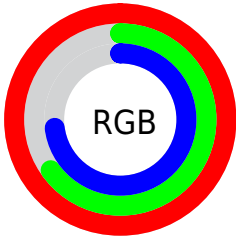
Format	Color
R_{YB}	255, 165, 186
Decimal	16754106
CIE Lab	77.11, 35.90, 3.12
CIE LCh	77, 36.032, 4.972
Yxy	51.7154, 0.3775, 0.3072
Android (android.graphics.Color)	4294944186 (0xFFFFA5BA)
YUV	194.3040, -4.0939, 53.2304
Hunter-Lab	71.9134, 31.9123, 6.5714

Details

The XYZ color **63.5581, 51.7154, 53.0866** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.1304, 85.4608, 90.8559**, and the grayscale version is **51.4634, 54.1435, 58.9623**.

A 20% lighter version of the original color is **83.1235, 79.3837, 94.9459**, and **32.7928, 25.0176, 25.2908** is the 20% darker color. If you saturate the color by 10%, you get **57.4704, 42.6419, 41.4950**, and if you desaturate by 10%, it is **70.8496, 62.7411, 66.4838**.

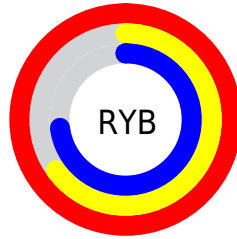
Distribution



Red (100%)

Green (65%)

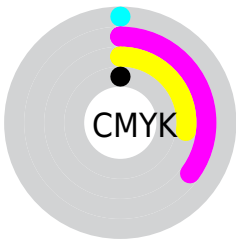
Blue (73%)



Red (100%)

Yellow (65%)

Blue (73%)

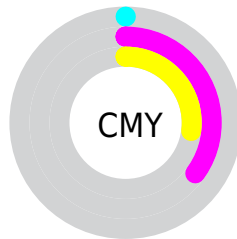


Cyan (0%)

Magenta (35%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5581, 51.7154, 53.0866 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 63.5581, 51.7154, 53.0866 by changing the saturation by 10% instead.


 63.5581, 51.7154,
53.0866


 63.5581, 51.7154,
53.0866


427.2197,
393.3369, 415.6930

 46.5532, 36.7783,
37.4837


 109.0516, 92.7114,
96.1746

 32.8890, 25.0359,
25.2835


 138.2709,
119.5390, 124.4968

 22.2003, 16.1038,
16.0675


172.2923,
151.0990, 157.8959

 14.1216, 9.5976,
9.4170

211.4813,
187.7756, 196.7904

 8.2875, 5.1330,
4.9137

256.2032,
229.9533, 241.5988

 4.3328, 2.3255,
2.1388

306.8233,

 1.8921, 0.7872,

278.0165, 292.7397

0.6387

363.7070,
332.3496, 350.6315

■ 0.5722, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5581, 51.7154,
53.0866

■ 63.5581, 51.7154,
53.0866

■ 57.4704, 42.6419,
41.4950

■ 70.8496, 62.7411,
66.4838

■ 52.5166, 35.3995,
31.6271

■ 79.4022, 75.8169,
81.7572

■ 48.6249, 29.8643,
23.3994

■ 89.2741, 91.0422,
98.9774

■ 45.7138, 25.8941,
16.7195

95.0500, 100.0000,
108.9000

■ 43.6891, 23.3235,
11.4853

■ 42.4363, 21.9490,
7.5806

■ 42.0422, 21.5809,
6.1542

Harmonies

Analogous

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



62.1523, 51.7154, 73.9213



63.5581, 51.7154, 53.0866



60.8202, 51.7154, 37.2527

Triad

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



63.5581, 51.7154, 53.0866



41.9494, 51.7154, 30.6038



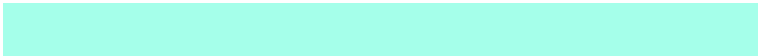
43.7630, 51.7154, 98.1257

Complementary

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



63.5581, 51.7154, 53.0866



66.1304, 85.4608, 90.8559

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.



39.0839, 51.7154, 80.9576



63.5581, 51.7154, 53.0866



38.1073, 51.7154, 41.7435

Square

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



63.5581, 51.7154, 53.0866



48.0154, 51.7154, 26.3528



37.1091, 51.7154, 59.6598



50.3103, 51.7154, 103.1583

Rectangle

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



63.5581, 51.7154, 53.0866



57.1512, 51.7154, 30.6179



37.1091, 51.7154, 59.6598



41.9399, 51.7154, 93.4137

Sweetspot

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



63.5593, 51.7178, 53.0876



83.4741, 82.0823, 88.9051



65.4384, 51.6252, 101.1234



17.5859, 17.1360, 18.5376



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.



63.5593, 51.7178, 53.0876



59.3460, 45.4212, 45.1165



66.2307, 60.3740, 43.7629



18.1830, 18.0565, 19.5807



22.0151, 11.2953, 3.4641



2.1834, 1.1158, 0.5475

Inverse Universe

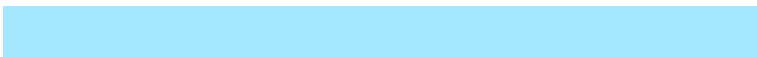
The Inverse Universe completely reimagines the original color for something new.



63.5593, 51.7178, 53.0876



59.3460, 45.4212, 45.1165



62.1447, 72.3728, 105.3017



18.1830, 18.0565, 19.5807



22.0151, 11.2953, 3.4641



2.1834, 1.1158, 0.5475

Previews

White Background



This preview shows how the XYZ color 63.5581, 51.7154, 53.0866 looks on a white background.

Color Contrast Check

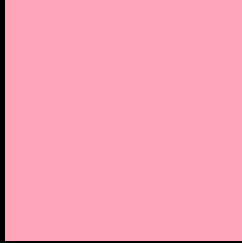
Large Text (above 18pt) WCAG AA × Fail

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 63.5581, 51.7154, 53.0866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

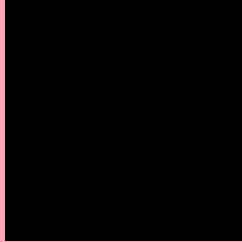
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5581, 51.7154, 53.0866

Background



This preview shows how black text looks on a background with the XYZ color 63.5581, 51.7154, 53.0866.



This preview shows how white text looks on a background with the XYZ color 63.5581, 51.7154,

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

63.5581, 51.7154, 53.0866

Protanopia

50.3246, 52.0734, 62.0424

Deuteranopia

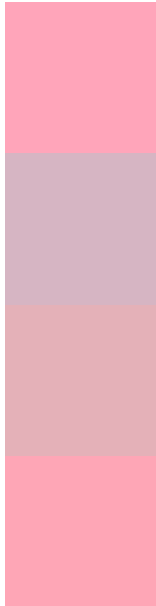
52.8391, 51.6969, 51.9933



Tritanopia

62.6460, 51.5979, 49.3054

Trichromacy



Original Color

63.5581, 51.7154, 53.0866

Protanomaly

54.1058, 51.2840, 58.6769

Deuteranomaly

56.3688, 51.3990, 52.2974

Tritanomaly

62.9528, 51.7207, 50.9211

Monochromacy



Original Color

63.5581, 51.7154, 53.0866

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.6564, 52.2275, 56.4904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5581, 51.7154, 53.0866 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 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, 165, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 186) }
```

Border

The CSS property to change the border of an element to XYZ 63.5581, 51.7154, 53.0866 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, 186) }
```


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

```
.border{ border-color:rgb(255, 165, 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, 165, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 165, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 165, 186); box-shadow:4px 4px 4px 4px rgb(255, 165, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5581, 51.7154, 53.0866 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, 186) }
```

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

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