

Converting Colors

XYZ(65.7886, 53.8428, 53.2311)

Have a look what the booklet for
XYZ(65.7886, 53.8428, 53.2311)
contains.

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Color

**XYZ(64.2909, 53.1811,
53.3309)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9BA
RGB	255, 169, 186
RGB Percent	100%, 66%, 73%
CMY	0.0000, 0.3372, 0.2706
CMYK	0.00, 0.34, 0.27, 0.00
HSL	348°, 100%, 83%
HSV	348°, 34%, 100%
XYZ	64.2909, 53.1811, 53.3309
YIQ	196.6520, 45.7990, 23.5190

Conversions

Conversions Part 2

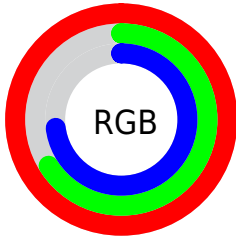
Format	Color
R _Y B	255, 169, 186
Decimal	16755130
CIE Lab	77.98, 33.81, 4.38
CIE LCh	78, 34.097, 7.388
Yxy	53.1811, 0.3764, 0.3114
Android (android.graphics.Color)	4294945210 (0xFFFFA9BA)
YUV	196.6520, -5.2514, 51.1712
Hunter-Lab	72.9254, 29.7459, 7.6885

Details

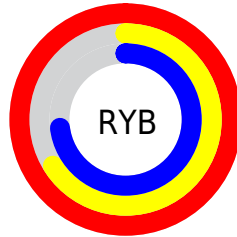
The XYZ color **64.2909, 53.1811, 53.3309** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5570, 86.1291, 93.9569**, and the grayscale version is **52.8737, 55.6272, 60.5780**.

A 20% lighter version of the original color is **84.1922, 81.5212, 95.3022**, and **33.5050, 26.0546, 25.4534** is the 20% darker color. If you saturate the color by 10%, you get **57.9795, 43.7937, 41.2531**, and if you desaturate by 10%, it is **71.8415, 64.5481, 67.3596**.

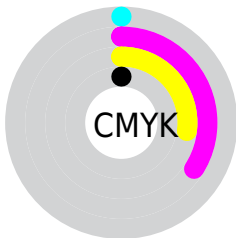
Distribution



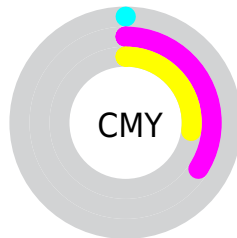
- Red (100%)
- Green (66%)
- Blue (73%)



- Red (100%)
- Yellow (66%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2909, 53.1811, 53.3309 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 64.2909, 53.1811, 53.3309 by changing the saturation by 10% instead.

 64.2909, 53.1811,
53.3309


 64.2909, 53.1811,
53.3309

429.8250,
398.9795, 416.6556


 47.1489, 37.9474,
37.6775


 110.1012, 94.8708,
96.5376


 33.3618, 25.9418,
25.4326

 139.5001,
122.0956, 124.9279

 22.5643, 16.7801,
16.1777


 173.7155,
154.0861, 158.4009

 14.3911, 10.0779,
9.4943

 213.1125,
191.2268, 197.3752

 8.4767, 5.4506,
4.9638

 258.0566,
233.9021, 242.2693

 4.4558, 2.5140,
2.1676

 308.9132,

 1.9631, 0.8836,

282.4964, 293.5017

0.6556

366.0475,
337.3941, 351.4909

■ 0.6131, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2909, 53.1811,
53.3309

■ 64.2909, 53.1811,
53.3309

■ 57.9795, 43.7937,
41.2531

■ 71.8415, 64.5481,
67.3596

■ 52.8362, 36.2652,
31.0356

■ 80.6893, 77.9915,
83.4178

■ 48.7886, 30.4733,
22.5854

■ 90.8935, 93.6107,
101.5837

■ 45.7543, 26.2778,
15.7998

95.0500, 100.0000,
108.9000

■ 43.6390, 23.5165,
10.5649

■ 42.3293, 21.9923,
6.7516

■ 41.8243, 21.4937,
5.0068

Harmonies

Analogous

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



63.2689, 53.1811, 73.1280



64.2909, 53.1811, 53.3309



61.3818, 53.1811, 38.4243

Triad

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



64.2909, 53.1811, 53.3309



43.1861, 53.1811, 33.4463



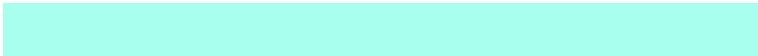
45.7965, 53.1811, 98.6292

Complementary

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



64.2909, 53.1811, 53.3309



67.5570, 86.1291, 93.9569

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.



41.0687, 53.1811, 83.0582



64.2909, 53.1811, 53.3309



39.6562, 53.1811, 44.9567

Square

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



64.2909, 53.1811, 53.3309



48.9235, 53.1811, 28.6927



38.9164, 53.1811, 62.7338



52.2061, 53.1811, 102.2476

Rectangle

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



64.2909, 53.1811, 53.3309



57.7429, 53.1811, 32.2492



38.9164, 53.1811, 62.7338



43.9753, 53.1811, 94.4768

Sweetspot

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



64.2922, 53.1836, 53.3320



84.3268, 83.5473, 89.9307



67.4324, 53.7411, 101.4267



17.7507, 17.4260, 18.7152



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.



64.2922, 53.1836, 53.3320



60.1894, 47.0657, 45.5277



67.8734, 63.0675, 46.1352



18.1561, 18.0458, 19.4392



21.8954, 11.2474, 2.8335



2.1682, 1.1097, 0.4673

Inverse Universe

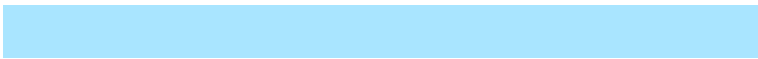
The Inverse Universe completely reimagines the original color for something new.



64.2922, 53.1836, 53.3320



60.1894, 47.0657, 45.5277



62.4888, 71.8062, 105.1742



18.1561, 18.0458, 19.4392



21.8954, 11.2474, 2.8335



2.1682, 1.1097, 0.4673

Previews

White Background



This preview shows how the XYZ color 64.2909, 53.1811, 53.3309 looks on a white background.

Color Contrast Check

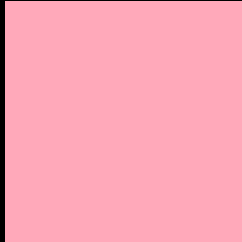
Large Text (above 18pt) WCAG AA × Fail

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 64.2909, 53.1811, 53.3309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

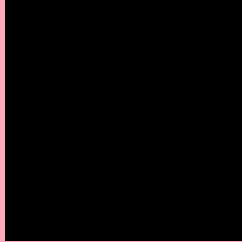
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2909, 53.1811, 53.3309

Background



This preview shows how black text looks on a background with the XYZ color 64.2909, 53.1811, 53.3309.



This preview shows how white text looks on a background with the XYZ color 64.2909, 53.1811,

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

64.2909, 53.1811, 53.3309

Protanopia

51.6641, 53.4249, 61.6219

Deuteranopia

54.6365, 53.5585, 52.2579



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

64.2909, 53.1811, 53.3309



Protanomaly

55.4934, 52.9277, 58.3302



Deuteranomaly

57.6061, 52.9262, 52.5270



Tritanomaly

64.1620, 53.4283, 51.7307

Monochromacy



Original Color

64.2909, 53.1811, 53.3309



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.3094, 54.2963, 57.9645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2909, 53.1811, 53.3309 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, 169, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 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, 169, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 186) }
```

Border

The CSS property to change the border of an element to XYZ 64.2909, 53.1811, 53.3309 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, 169, 186) }
```


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

```
.border{ border-color:rgb(255, 169, 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, 169, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 169, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 169, 186); box-shadow:4px 4px 4px 4px rgb(255, 169, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2909, 53.1811, 53.3309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 186) }
```

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

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