

Converting Colors

XYZ(78.4174, 60.5218, 51.5806)

Have a look what the booklet for
XYZ(78.4174, 60.5218, 51.5806)
contains.

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Color

**XYZ(63.8715, 53.0133,
51.1222)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9B6
RGB	255, 169, 182
RGB Percent	100%, 66%, 71%
CMY	0.0000, 0.3372, 0.2863
CMYK	0.00, 0.34, 0.29, 0.00
HSL	351°, 100%, 83%
HSV	351°, 34%, 100%
XYZ	63.8715, 53.0133, 51.1222
YIQ	196.1960, 47.0830, 22.2750

Conversions

Conversions Part 2

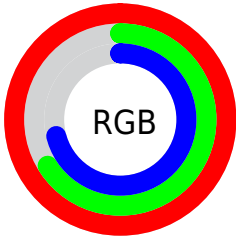
Format	Color
R_{YB}	255, 169, 182
Decimal	16755126
CIE _{Lab}	77.88, 33.28, 6.42
CIE _{LCh}	78, 33.898, 10.919
Yxy	53.0133, 0.3802, 0.3155
Android (android.graphics.Color)	4294945206 (0xFFFFA9B6)
YUV	196.1960, -6.9986, 51.5711
Hunter-Lab	72.8102, 29.1681, 9.3379

Details

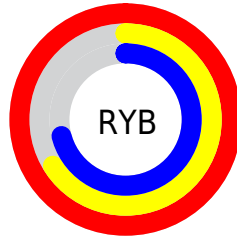
The XYZ color **63.8715, 53.0133, 51.1222** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.1513, 86.3668, 97.0869**, and the grayscale version is **52.6090, 55.3488, 60.2748**.

A 20% lighter version of the original color is **83.5978, 81.2835, 92.1721**, and **32.9728, 25.8115, 24.0131** is the 20% darker color. If you saturate the color by 10%, you get **57.5149, 43.6078, 38.8064**, and if you desaturate by 10%, it is **71.5016, 64.4121, 65.5698**.

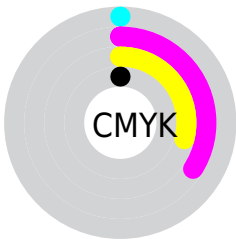
Distribution



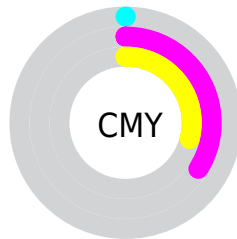
- Red (100%)
- Green (66%)
- Blue (71%)



- Red (100%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8715, 53.0133, 51.1222 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 63.8715, 53.0133, 51.1222 by changing the saturation by 10% instead.


 63.8715, 53.0133,
51.1222

 63.8715, 53.0133,
51.1222


428.3350,
398.3361, 407.8985

 46.8079, 37.8134,
35.9285


 109.5006, 94.6239,
93.2487

 33.0911, 25.8379,
24.0897


138.7969,
121.8035, 121.0186

 22.3558, 16.7024,
15.1874

172.9013,
153.7450, 153.8176

 14.2367, 10.0225,
8.8029

212.1794,
190.8328, 192.0643

 8.3683, 5.4139,
4.5178

256.9965,
233.4515, 236.1772

 4.3853, 2.4921,
1.9135

307.7179,

 1.9223, 0.8727,

281.9854, 286.5748

0.5013

364.7089,
336.8188, 343.6757

■ 0.5898, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8715, 53.0133,
51.1222

■ 63.8715, 53.0133,
51.1222

■ 57.5149, 43.6078,
38.8064

■ 71.5016, 64.4121,
65.5698

■ 52.3581, 36.0739,
28.5178

■ 80.4657, 77.9021,
82.2405

■ 48.3257, 30.2881,
20.1477

■ 90.8252, 93.5834,
101.2243

■ 45.3320, 26.1089,
13.5759

95.0500, 100.0000,
108.9000

■ 43.2788, 23.3724,
8.6680

■ 42.0480, 21.8798,
5.2703

■ 41.5985, 21.4034,
3.8180

Harmonies

Analogous

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



63.3267, 53.0133, 70.4077



63.8715, 53.0133, 51.1222



60.5742, 53.0133, 37.0788

Triad

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



63.8715, 53.0133, 51.1222



42.5405, 53.0133, 34.4273



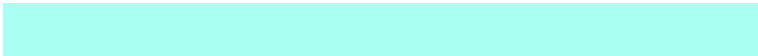
46.3604, 53.0133, 99.2247

Complementary

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



63.8715, 53.0133, 51.1222



68.1513, 86.3668, 97.0869

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.



41.4122, 53.0133, 84.8824



63.8715, 53.0133, 51.1222



39.3431, 53.0133, 46.6604

Square

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



63.8715, 53.0133, 51.1222



48.0269, 53.0133, 28.9346



38.9489, 53.0133, 64.8677



52.8243, 53.0133, 101.1542

Rectangle

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



63.8715, 53.0133, 51.1222



56.7961, 53.0133, 31.4763



38.9489, 53.0133, 64.8677



44.4802, 53.0133, 95.5693

Sweetspot

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



63.8728, 53.0157, 51.1232



84.1564, 83.4791, 89.0333



68.4014, 54.2406, 101.4721



17.7098, 17.4096, 18.4998



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.



63.8728, 53.0157, 51.1232



59.7377, 46.8851, 43.1494



68.5210, 64.3627, 46.3510



18.1212, 18.0318, 19.2555



21.7693, 11.1970, 2.1698



2.1509, 1.1027, 0.3761

Inverse Universe

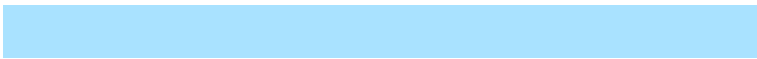
The Inverse Universe completely reimagines the original color for something new.



63.8728, 53.0157, 51.1232



59.7377, 46.8851, 43.1494



61.7012, 70.2310, 104.9117



18.1212, 18.0318, 19.2555



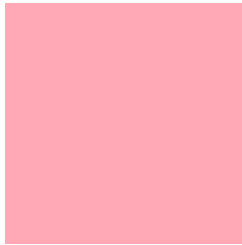
21.7693, 11.1970, 2.1698



2.1509, 1.1027, 0.3761

Previews

White Background



This preview shows how the XYZ color 63.8715, 53.0133, 51.1222 looks on a white background.

Color Contrast Check

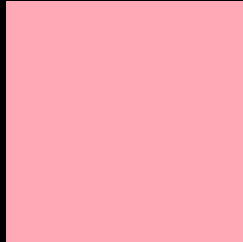
Large Text (above 18pt) WCAG AA × Fail

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 63.8715, 53.0133, 51.1222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

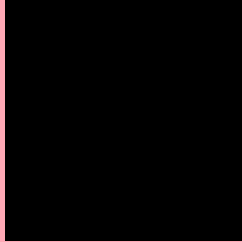
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.8715, 53.0133, 51.1222

Background



This preview shows how black text looks on a background with the XYZ color 63.8715, 53.0133, 51.1222.



This preview shows how white text looks on a background with the XYZ color 63.8715, 53.0133,

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

63.8715, 53.0133, 51.1222

Protanopia

51.4649, 53.3752, 59.2197

Deuteranopia

54.3109, 53.1242, 50.0393



Tritanopia

63.8715, 53.0133, 51.1222

Trichromacy



Original Color

63.8715, 53.0133, 51.1222



Protanomaly

55.0500, 52.7504, 55.9956



Deuteranomaly

57.5145, 52.9267, 50.3646



Tritanomaly

63.8715, 53.0133, 51.1222

Monochromacy



Original Color

63.8715, 53.0133, 51.1222



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.5781, 53.6311, 56.7128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8715, 53.0133, 51.1222 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 182) }
```

Border

The CSS property to change the border of an element to XYZ 63.8715, 53.0133, 51.1222 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, 182) }
```


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

```
.border{ border-color:rgb(255, 169, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8715, 53.0133, 51.1222 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
169, 182) }
```

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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