

Converting Colors

XYZ(76.7989, 60.2982, 50.9577)

Have a look what the booklet for
XYZ(76.7989, 60.2982, 50.9577)
contains.

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Color

**XYZ(64.0411, 53.6811,
50.1662)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABB4
RGB	255, 171, 180
RGB Percent	100%, 67%, 71%
CMY	0.0000, 0.3294, 0.2941
CMYK	0.00, 0.33, 0.29, 0.00
HSL	354°, 100%, 84%
HSV	354°, 33%, 100%
XYZ	64.0411, 53.6811, 50.1662
YIQ	197.1420, 47.1750, 20.6070

Conversions

Conversions Part 2

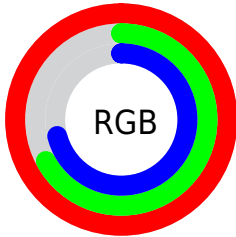
Format	Color
R _Y B	255, 171, 180
Decimal	16755636
CIE Lab	78.28, 31.98, 8.07
CIE LCh	78, 32.983, 14.168
Yxy	53.6811, 0.3815, 0.3197
Android (android.graphics.Color)	4294945716 (0xFFFFABB4)
YUV	197.1420, -8.4510, 50.7415
Hunter-Lab	73.2674, 27.8042, 10.6913

Details

The XYZ color **64.0411, 53.6811, 50.1662** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1914, 86.8328, 100.3067**, and the grayscale version is **53.1874, 55.9573, 60.9375**.

A 20% lighter version of the original color is **83.8494, 82.2543, 90.8142**, and **33.0741, 26.2249, 23.3974** is the 20% darker color. If you saturate the color by 10%, you get **57.5486, 44.1082, 37.4828**, and if you desaturate by 10%, it is **71.8465, 65.2696, 65.1682**.

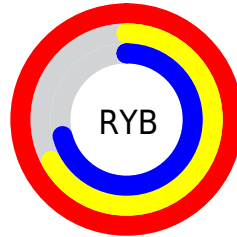
Distribution



Red (100%)

Green (67%)

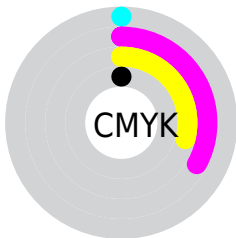
Blue (71%)



Red (100%)

Yellow (67%)

Blue (71%)

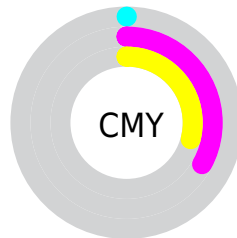


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.0411, 53.6811, 50.1662 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 64.0411, 53.6811, 50.1662 by changing the saturation by 10% instead.


 64.0411, 53.6811,
50.1662

 64.0411, 53.6811,
50.1662


428.9379,
400.8928, 404.0692

 46.9458, 38.3468,
35.1734


 109.7435, 95.6058,
91.8199

 33.2006, 26.2519,
23.5118


139.0813,
122.9651, 119.3179

 22.4401, 17.0122,
14.7631

173.2307,
155.1013, 151.8213

 14.2990, 10.2432,
8.5085

212.5569,
192.3991, 189.7487

 8.4120, 5.5605,
4.3296

257.4254,
235.2427, 233.5187

 4.4137, 2.5797,
1.8078


308.2015,

 1.9388, 0.9165,


284.0166, 283.5497


0.4331


365.2505,
339.1052, 340.2604


 0.5992, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 64.0411, 53.6811,
50.1662


 64.0411, 53.6811,
50.1662


 57.5486, 44.1082,
37.4828


 71.8465, 65.2696,
65.1682

 52.2927, 36.4287,
26.9992

 81.0274, 78.9718,
82.5933

 48.1955, 30.5188,
18.5905

 91.6472, 94.8883,
102.5434

 45.1685, 26.2370,
12.1181

95.0500, 100.0000,
108.9000

■ 43.1104, 23.4200,
7.4266

■ 41.8996, 21.8701,
4.3358

■ 41.4414, 21.3406,
2.9906

Harmonies

Analogous

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



63.9324, 53.6811, 68.7043



64.0411, 53.6811, 50.1662



60.4629, 53.6811, 36.9981

Triad

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



64.0411, 53.6811, 50.1662



42.8462, 53.6811, 36.4618



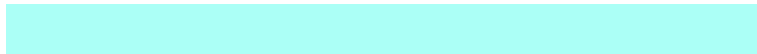
47.7072, 53.6811, 99.7981

Complementary

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



64.0411, 53.6811, 50.1662



69.1914, 86.8328, 100.3067

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.



42.6194, 53.6811, 86.9112



64.0411, 53.6811, 50.1662



39.9788, 53.6811, 49.2697

Square

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



64.0411, 53.6811, 50.1662



48.0414, 53.6811, 30.2931



39.8994, 53.6811, 67.5980



54.1239, 53.6811, 100.1809

Rectangle

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



64.0411, 53.6811, 50.1662



56.6296, 53.6811, 31.9171



39.8994, 53.6811, 67.5980



45.7979, 53.6811, 96.6802

Sweetspot

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



64.0425, 53.6836, 50.1673



83.9962, 83.4150, 88.1895



70.3404, 55.7969, 101.6703



17.6714, 17.3943, 18.2975



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.



64.0425, 53.6836, 50.1673



59.3251, 46.7200, 40.9766



69.9955, 67.0088, 47.7762



18.0884, 18.0187, 19.0828



21.6794, 11.1610, 1.6961



2.1355, 1.0966, 0.2951

Inverse Universe

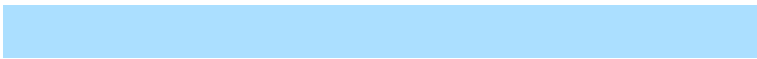
The Inverse Universe completely reimagines the original color for something new.



64.0425, 53.6836, 50.1673



59.3251, 46.7200, 40.9766



61.1810, 68.5485, 104.6144



18.0884, 18.0187, 19.0828



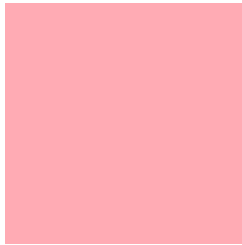
21.6794, 11.1610, 1.6961



2.1355, 1.0966, 0.2951

Previews

White Background



This preview shows how the XYZ color 64.0411, 53.6811, 50.1662 looks on a white background.

Color Contrast Check

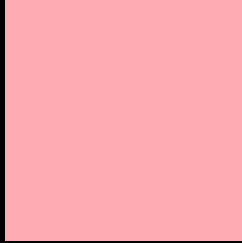
Large Text (above 18pt) WCAG AA × Fail

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 64.0411, 53.6811, 50.1662 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 64.0411, 53.6811, 50.1662

Background



This preview shows how black text looks on a background with the XYZ color 64.0411, 53.6811, 50.1662.



This preview shows how white text looks on a background with the XYZ color 64.0411, 53.6811,

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

64.0411, 53.6811, 50.1662

Protanopia

51.8731, 53.9515, 57.5488

Deuteranopia

54.9196, 53.7750, 49.0800



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

64.0411, 53.6811, 50.1662

Protanomaly

55.6395, 53.3888, 54.9495

Deuteranomaly

57.8385, 53.4179, 49.3817

Tritanomaly

64.2464, 53.7632, 51.2472

Monochromacy



Original Color

64.0411, 53.6811, 50.1662

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

56.3006, 54.6335, 56.8682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0411, 53.6811, 50.1662 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, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 180)  
}
```

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, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 180) }
```

Border

The CSS property to change the border of an element to XYZ 64.0411, 53.6811, 50.1662 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, 171, 180) }
```


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

```
.border{ border-color:rgb(255, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0411, 53.6811, 50.1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 180) }
```

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

```
.background{ background-color: rgb(255,  
171, 180) }
```

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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