

Converting Colors

XYZ(63.6258, 53.8123, 47.0625)

Have a look what the booklet for
XYZ(63.6258, 53.8123, 47.0625)
contains.

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Color

**XYZ(63.6325, 53.8210,
47.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACAE
RGB	255, 172, 174
RGB Percent	100%, 67%, 68%
CMY	0.0000, 0.3255, 0.3176
CMYK	0.00, 0.33, 0.32, 0.00
HSL	359°, 100%, 84%
HSV	359°, 33%, 100%
XYZ	63.6325, 53.8210, 47.0791
YIQ	197.0450, 48.8260, 18.2180

Conversions

Conversions Part 2

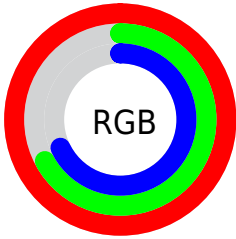
Format	Color
R _Y B	255, 172, 174
Decimal	16755886
CIE Lab	78.36, 30.69, 11.45
CIE LCh	78, 32.759, 20.458
Yxy	53.8210, 0.3867, 0.3271
Android (android.graphics.Color)	4294945966 (0xFFFFACAE)
YUV	197.0450, -11.3612, 50.8265
Hunter-Lab	73.3628, 26.4402, 13.3058

Details

The XYZ color **63.6325, 53.8210, 47.0791** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.5051, 87.3836, 106.0835**, and the grayscale version is **53.1451, 55.9128, 60.8890**.

A 20% lighter version of the original color is **83.1263, 82.4039, 85.6531**, and **32.8746, 26.3346, 21.7627** is the 20% darker color. If you saturate the color by 10%, you get **57.0311, 44.1478, 33.9971**, and if you desaturate by 10%, it is **71.6173, 65.5412, 62.8410**.

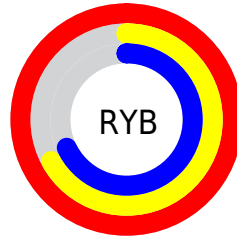
Distribution



Red (100%)

Green (67%)

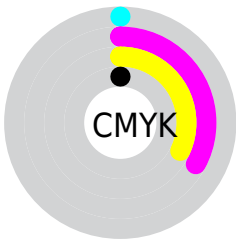
Blue (68%)



Red (100%)

Yellow (67%)

Blue (68%)

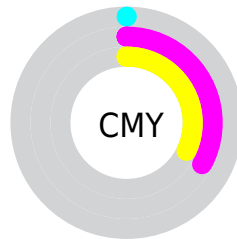


Cyan (0%)

Magenta (33%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.6325, 53.8210, 47.0791 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 63.6325, 53.8210, 47.0791 by changing the saturation by 10% instead.


 63.6325, 53.8210,
47.0791

 63.6325, 53.8210,
47.0791


427.4846,
401.4271, 391.5331

 46.6137, 38.4586,
32.7434


 109.1582, 95.8114,
87.1829

 32.9370, 26.3388,
21.6604

138.3958,
123.2081, 113.7881

 22.2372, 17.0773,
13.4117


172.4370,
155.3851, 145.3202

 14.1489, 10.2896,
7.5786

211.6471,
192.7266, 182.1977

 8.3067, 5.5914,
3.7426

256.3916,
235.6172, 224.8392

 4.3453, 2.5983,
1.4852

307.0358,

 1.8992, 0.9258,

284.4412, 273.6632

0.2069

363.9450,
339.5831, 329.0884

■ 0.5764, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.6325, 53.8210,
47.0791

■ 63.6325, 53.8210,
47.0791

■ 57.0311, 44.1478,
33.9971

■ 71.6173, 65.5412,
62.8410

■ 51.7306, 36.3973,
23.4431

■ 81.0535, 79.4084,
81.4168

■ 47.6464, 30.4433,
15.2547

■ 92.0096, 95.5251,
102.9356

■ 44.6819, 26.1417,
9.2497

95.0500, 100.0000,
108.9000

■ 42.7261, 23.3259,
5.2192

■ 41.6450, 21.7948,
2.9135

■ 41.2736, 21.2734,
2.1068

Harmonies

Analogous

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



64.3390, 53.8210, 64.6684



63.6325, 53.8210, 47.0791



59.4352, 53.8210, 35.3221

Triad

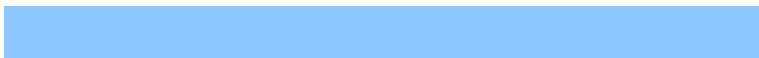
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.6325, 53.8210, 47.0791



42.2029, 53.8210, 38.8300



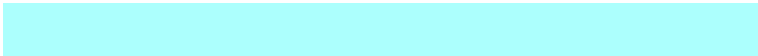
49.1334, 53.8210, 100.9042

Complementary

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



63.6325, 53.8210, 47.0791



70.5051, 87.3836, 106.0835

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.



43.6824, 53.8210, 90.3600



63.6325, 53.8210, 47.0791



39.9080, 53.8210, 52.9272

Square

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



63.6325, 53.8210, 47.0791



46.9554, 53.8210, 31.2980



40.4260, 53.8210, 71.8664



55.5984, 53.8210, 98.4209

Rectangle

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



63.6325, 53.8210, 47.0791



55.4024, 53.8210, 31.1708



40.4260, 53.8210, 71.8664



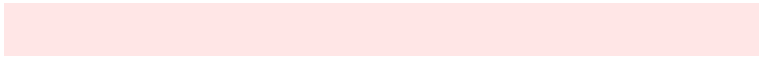
47.1309, 53.8210, 98.6946

Sweetspot

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



63.6339, 53.8235, 47.0802



83.6967, 83.2952, 86.6124



73.0333, 57.4666, 101.8506



17.5997, 17.3656, 17.9198



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.



63.6339, 53.8235, 47.0802



59.2195, 47.3528, 38.3396



71.9159, 70.6966, 48.8884



18.0271, 17.9941, 18.7598



21.5740, 11.1189, 1.1411



2.1065, 1.0850, 0.1424

Inverse Universe

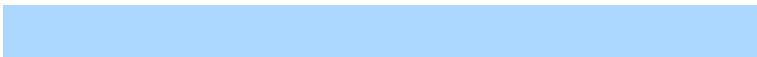
The Inverse Universe completely reimagines the original color for something new.



63.6339, 53.8235, 47.0802



59.2195, 47.3528, 38.3396



59.6897, 65.2414, 104.0546



18.0271, 17.9941, 18.7598



21.5740, 11.1189, 1.1411



2.1065, 1.0850, 0.1424

Previews

White Background



This preview shows how the XYZ color 63.6325, 53.8210, 47.0791 looks on a white background.

Color Contrast Check

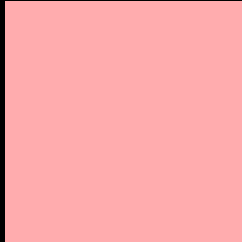
Large Text (above 18pt) WCAG AA × Fail

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 63.6325, 53.8210, 47.0791 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 63.6325, 53.8210, 47.0791

Background



This preview shows how black text looks on a background with the XYZ color 63.6325, 53.8210, 47.0791.



This preview shows how white text looks on a background with the XYZ color 63.6325, 53.8210,

47.0791.

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

63.6325, 53.8210, 47.0791

Protanopia

51.6463, 53.9221, 53.5849

Deuteranopia

54.9398, 53.8531, 46.0271



Tritanopia

64.4546, 53.8465, 52.3437

Trichromacy



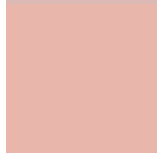
Original Color

63.6325, 53.8210, 47.0791



Protanomaly

55.2047, 53.2498, 51.0847



Deuteranomaly

57.7786, 53.7581, 46.3608



Tritanomaly

64.0411, 53.6811, 50.1662

Monochromacy



Original Color

63.6325, 53.8210, 47.0791



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.0820, 54.5460, 55.7167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6325, 53.8210, 47.0791 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, 172, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 174)  
}
```

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, 172, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 174) }
```

Border

The CSS property to change the border of an element to XYZ 63.6325, 53.8210, 47.0791 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, 172, 174) }
```


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

```
.border{ border-color:rgb(255, 172, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6325, 53.8210, 47.0791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 174) }
```

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

```
.background{ background-color: rgb(255,  
172, 174) }
```

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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