

# Converting Colors

XYZ(68.7535, 62.7773, 52.7495)

Have a look what the booklet for  
XYZ(68.7535, 62.7773, 52.7495)  
contains.

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# Color

**XYZ(68.7535, 62.7773,  
52.7495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC1B6
RGB	255, 193, 182
RGB Percent	100%, 76%, 71%
CMY	0.0000, 0.2431, 0.2863
CMYK	0.00, 0.24, 0.29, 0.00
HSL	9°, 100%, 86%
HSV	9°, 29%, 100%
XYZ	68.7535, 62.7773, 52.7495
YIQ	210.2840, 40.4830, 9.7230

# Conversions

## Conversions Part 2

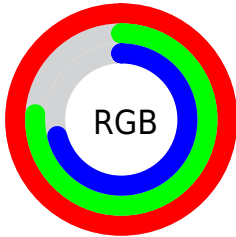
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 195, 182
Decimal	16761270
CIE <sub>Lab</sub>	83.33, 20.71, 14.17
CIE <sub>LCh</sub>	83, 25.096, 34.381
Yxy	62.7773, 0.3731, 0.3407
Android (android.graphics.Color)	4294951350 (0xFFFFC1B6)
YUV	210.2840, -13.9440, 39.2159
Hunter-Lab	79.2321, 16.2368, 15.9896

# Details

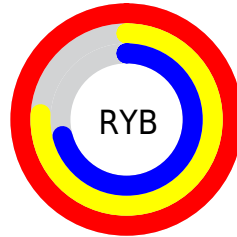
The XYZ color **68.7535, 62.7773, 52.7495** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.6910, 81.8638, 106.7359**, and the grayscale version is **61.5166, 64.7202, 70.4803**.

A 20% lighter version of the original color is **90.8582, 95.8043, 94.5922**, and **36.2210, 31.9205, 25.0211** is the 20% darker color. If you saturate the color by 10%, you get **61.9125, 52.9357, 38.6301**, and if you desaturate by 10%, it is **76.7784, 74.2185, 69.6324**.

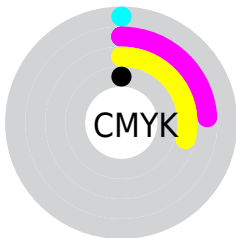
# Distribution



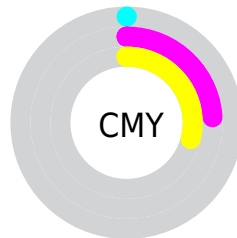
- Red (100%)
- Green (76%)
- Blue (71%)



- Red (100%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 68.7535, 62.7773, 52.7495 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 68.7535, 62.7773, 52.7495 by changing the saturation by 10% instead.




 68.7535, 62.7773,  
52.7495

 68.7535, 62.7773,  
52.7495


445.4961,  
434.7608, 414.3623

 50.7869, 45.6611,  
37.2165


 116.4654,  
108.8482, 95.6735

 36.2594, 31.9784,  
25.0780


146.9415,  
138.5716, 123.9015

 24.8056, 21.3450,  
15.9157


182.3180,  
173.2662, 157.1983

 16.0603, 13.3764,  
9.3108

222.9605,  
213.3164, 195.9823

 9.6579, 7.6883,  
4.8449

269.2341,  
259.1065, 240.6722

 5.2333, 3.8961,  
2.0994

321.5044,

 2.4209, 1.6156,

311.0211, 291.6865

0.6154

380.1366,  
369.4444, 349.4437

■ 0.8556, 0.3681,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 68.7535, 62.7773,  
52.7495

■ 68.7535, 62.7773,  
52.7495

■ 61.9125, 52.9357,  
38.6301

■ 76.7784, 74.2185,  
69.6324

■ 56.1945, 44.6141,  
27.1229

■ 86.0352, 87.3174,  
89.4113

■ 51.5399, 37.7387,  
18.0680

95.0500, 100.0000,  
108.9000

■ 47.8816, 32.2264,  
11.2864

■ 45.1448, 27.9852,  
6.5744

■ 43.2433, 24.9117,  
3.6917

■ 42.0666, 22.8825,  
2.3001

■ 41.9473, 22.6747,  
2.1658

# Harmonies

## Analogous

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



70.7537, 62.7773, 66.0836



68.7535, 62.7773, 52.7495



64.3209, 62.7773, 44.6797

# Triad

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



68.7535, 62.7773, 52.7495



50.6977, 62.7773, 56.1662



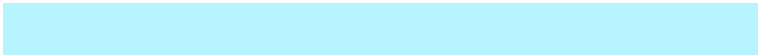
60.4732, 62.7773, 102.9087

# Complementary

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



68.7535, 62.7773, 52.7495



69.6910, 81.8638, 106.7359

# 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.



55.2450, 62.7773, 99.1891



68.7535, 62.7773, 52.7495



49.8052, 62.7773, 70.6754

# Square

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



68.7535, 62.7773, 52.7495



53.9365, 62.7773, 46.4313



51.4203, 62.7773, 86.7668



65.7917, 62.7773, 96.2755



# Rectangle

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



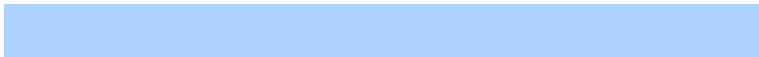
68.7535, 62.7773, 52.7495



60.7012, 62.7773, 42.5966



51.4203, 62.7773, 86.7668



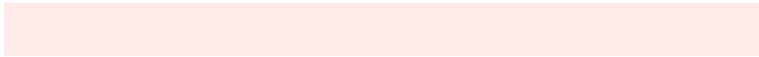
58.6465, 62.7773, 102.8344

# Sweetspot

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



68.7550, 62.7801, 52.7508



85.6671, 86.7980, 88.6197



74.3050, 61.2512, 93.5343



18.0327, 18.1498, 18.3162



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.



68.7550, 62.7801, 52.7508



64.9351, 57.2969, 44.8294



77.8278, 80.9257, 55.7750



18.2303, 18.4289, 18.7406



21.9840, 11.9793, 1.1535



2.2024, 1.2903, 0.1330



# Inverse Universe

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



69.6910, 81.8638, 106.7359



65.9936, 79.0402, 106.3858



59.7883, 62.0584, 103.4350



18.3078, 19.9873, 23.1430



22.4257, 29.7609, 53.9971

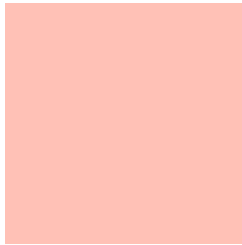


2.2440, 3.0187, 5.2777



# Previews

## White Background



This preview shows how the XYZ color 68.7535, 62.7773, 52.7495 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

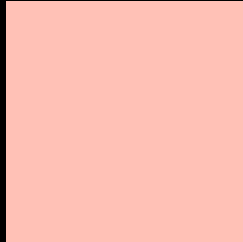
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 68.7535, 62.7773, 52.7495 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

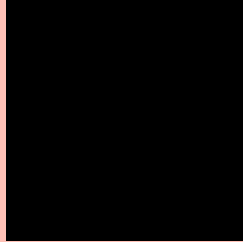
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 68.7535, 62.7773, 52.7495

## Background



This preview shows how black text looks on a background with the XYZ color 68.7535, 62.7773, 52.7495.



This preview shows how white text looks on a background with the XYZ color 68.7535, 62.7773,

52.7495.

# 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

68.7535, 62.7773, 52.7495

### Protanopia

59.8170, 62.8987, 57.1321

### Deuteranopia

64.2547, 62.8219, 52.4553



## Tritanopia

70.7699, 62.8812, 65.5341

# Trichromacy



## Original Color

68.7535, 62.7773, 52.7495

## Protanomaly

62.6166, 62.6092, 55.2389

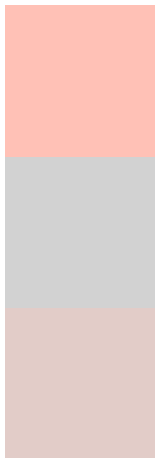
## Deuteranomaly

65.6150, 62.5018, 52.3218

## Tritanomaly

70.0534, 62.9448, 60.6819

# Monochromacy



## Original Color

68.7535, 62.7773, 52.7495

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

63.3822, 63.5246, 63.5645

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 68.7535, 62.7773, 52.7495 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, 193, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 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, 193, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 182) }
```

## Border

The CSS property to change the border of an element to XYZ 68.7535, 62.7773, 52.7495 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, 193, 182) }
```



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

```
.border{ border-color:rgb(255, 193, 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, 193, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
182) }
```

# Background

The CSS property to change the background color of an element to XYZ 68.7535, 62.7773, 52.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 182) }
```

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

```
.background{ background-color: rgb(255,  
193, 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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