

Converting Colors

XYZ(90.0893, 73.2838, 54.4943)

Have a look what the booklet for
XYZ(90.0893, 73.2838, 54.4943)
contains.

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Color

**XYZ(68.7414, 62.4200,
53.7726)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0B8
RGB	255, 192, 184
RGB Percent	100%, 75%, 72%
CMY	0.0000, 0.2470, 0.2784
CMYK	0.00, 0.25, 0.28, 0.00
HSL	7°, 100%, 86%
HSV	7°, 28%, 100%
XYZ	68.7414, 62.4200, 53.7726
YIQ	209.9250, 40.1160, 10.8680

Conversions

Conversions Part 2

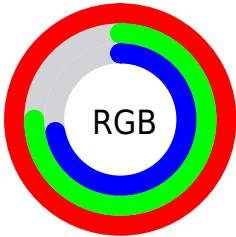
Format	Color
R _Y B	255, 193, 184
Decimal	16761016
CIE Lab	83.14, 21.50, 12.84
CIE LCh	83, 25.040, 30.842
Yxy	62.4200, 0.3717, 0.3375
Android (android.graphics.Color)	4294951096 (0xFFFFC0B8)
YUV	209.9250, -12.7810, 39.5308
Hunter-Lab	79.0063, 17.0472, 14.9510

Details

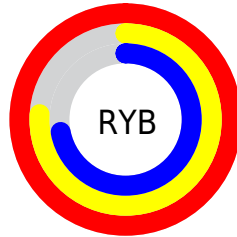
The XYZ color **68.7414, 62.4200, 53.7726** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0767, 83.9290, 107.0615**, and the grayscale version is **61.2735, 64.4645, 70.2018**.

A 20% lighter version of the original color is **90.8439, 95.3026, 96.0453**, and **36.2112, 31.6860, 25.6802** is the 20% darker color. If you saturate the color by 10%, you get **61.7139, 52.2640, 39.4098**, and if you desaturate by 10%, it is **77.0175, 74.3017, 70.9300**.

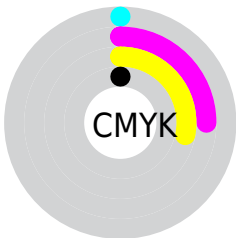
Distribution



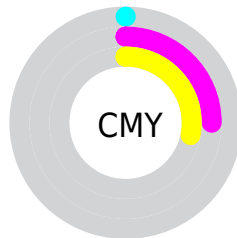
- Red (100%)
- Green (75%)
- Blue (72%)



- Red (100%)
- Yellow (76%)
- Blue (72%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.7414, 62.4200, 53.7726 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 68.7414, 62.4200, 53.7726 by changing the saturation by 10% instead.


 68.7414, 62.4200,
53.7726

 68.7414, 62.4200,
53.7726


445.4540,
433.4615, 418.3923

 50.7770, 45.3722,
38.0279


 116.4482,
108.3323, 97.1933

 36.2515, 31.7507,
25.7024


146.9214,
137.9656, 125.7065

 24.7995, 21.1711,
16.3774


182.2948,
172.5628, 159.3128

 16.0557, 13.2491,
9.6343

222.9339,
212.5083, 198.4310

 9.6547, 7.6003,
5.0548

269.2041,
258.1865, 243.4795

 5.2311, 3.8403,
2.2201

321.4705,

 2.4196, 1.5846,

309.9819, 294.8769

0.6860

380.0987,
368.2787, 353.0416

■ 0.8549, 0.3472,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.7414, 62.4200,
53.7726

■ 68.7414, 62.4200,
53.7726

■ 61.7139, 52.2640,
39.4098

■ 77.0175, 74.3017,
70.9300

■ 55.8696, 43.7453,
27.6899

■ 86.5940, 87.9751,
91.0152

■ 51.1445, 36.7805,
18.4524

95.0500, 100.0000,
108.9000

■ 47.4661, 31.2753,
11.5179

■ 44.7536, 27.1254,
6.6829

■ 42.9140, 24.2123,
3.7080

■ 41.8317, 22.3952,
2.2759

■ 41.6733, 22.1266,
2.0744

Harmonies

Analogous

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



70.3801, 62.4200, 67.5270



68.7414, 62.4200, 53.7726



64.5565, 62.4200, 45.0746

Triad

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



68.7414, 62.4200, 53.7726



50.6783, 62.4200, 54.4252



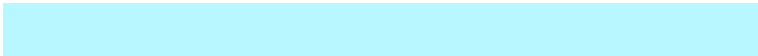
59.4817, 62.4200, 102.4205

Complementary

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



68.7414, 62.4200, 53.7726



71.0767, 83.9290, 107.0615

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.



54.3903, 62.4200, 97.5293



68.7414, 62.4200, 53.7726



49.4987, 62.4200, 68.4044

Square

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



68.7414, 62.4200, 53.7726



54.1403, 62.4200, 45.4090



50.8164, 62.4200, 84.4572



64.8376, 62.4200, 96.9722

Rectangle

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



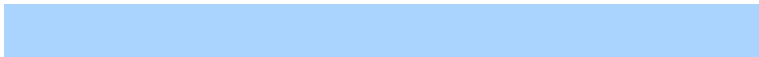
68.7414, 62.4200, 53.7726



61.0039, 62.4200, 42.5347



50.8164, 62.4200, 84.4572



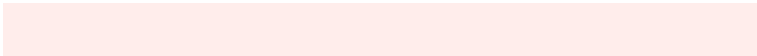
57.6837, 62.4200, 101.9251

Sweetspot

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



68.7429, 62.4228, 53.7739



86.4329, 87.7456, 90.6757



75.3086, 62.3127, 96.7841



18.1742, 18.3166, 18.7219



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.



68.7429, 62.4228, 53.7739



64.9659, 56.9736, 46.0261



77.2518, 79.4407, 56.6102



18.1742, 18.3166, 18.7219



21.8274, 11.6661, 1.1013



2.1761, 1.2377, 0.1242

Inverse Universe

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



71.0767, 83.9290, 107.0615



67.6195, 81.4763, 106.7703



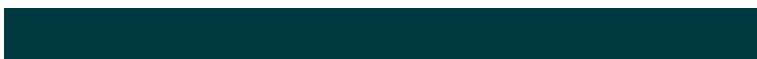
61.4613, 64.6982, 103.8564



18.3697, 20.1110, 23.1636



23.7476, 32.4048, 54.4377



2.3599, 3.2505, 5.3163

Previews

White Background



This preview shows how the XYZ color 68.7414, 62.4200, 53.7726 looks on a white background.

Color Contrast Check

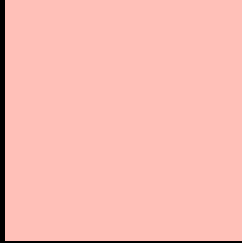
Large Text (above 18pt) WCAG AA × Fail

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 68.7414, 62.4200, 53.7726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

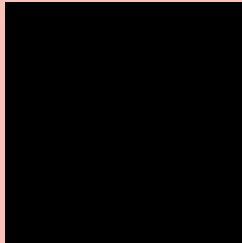
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.7414, 62.4200, 53.7726

Background



This preview shows how black text looks on a background with the XYZ color 68.7414, 62.4200, 53.7726.



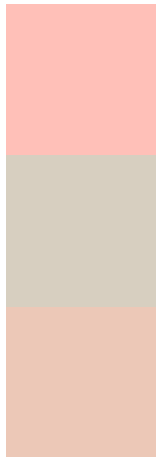
This preview shows how white text looks on a background with the XYZ color 68.7414, 62.4200,

53.7726.

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

68.7414, 62.4200, 53.7726

Protanopia

59.8516, 62.8785, 58.8514

Deuteranopia

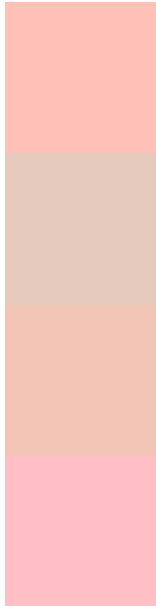
63.7936, 62.5603, 53.5128



Tritanopia

70.5525, 62.4465, 65.4616

Trichromacy



Original Color

68.7414, 62.4200, 53.7726

Protanomaly

62.9390, 62.7382, 56.9366

Deuteranomaly

65.4756, 62.4061, 53.3944

Tritanomaly

69.9488, 62.5528, 61.2105

Monochromacy



Original Color

68.7414, 62.4200, 53.7726

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.2626, 63.0977, 64.1031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7414, 62.4200, 53.7726 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, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 184)  
}
```

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, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 184) }
```

Border

The CSS property to change the border of an element to XYZ 68.7414, 62.4200, 53.7726 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, 192, 184) }
```


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

```
.border{ border-color:rgb(255, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7414, 62.4200, 53.7726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 184) }
```

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

```
.background{ background-color: rgb(255,  
192, 184) }
```

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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