

Converting Colors

XYZ(62.4781, 53.5248, 45.5987)

Have a look what the booklet for
XYZ(62.4781, 53.5248, 45.5987)
contains.

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Color

**XYZ(62.4391, 53.5229,
45.5681)**

Conversions

Conversions Part 1

Format	Color
Hex	FCADAB
RGB	252, 173, 171
RGB Percent	99%, 68%, 67%
CMY	0.0118, 0.3215, 0.3294
CMYK	0.00, 0.31, 0.32, 0.01
HSL	1°, 93%, 83%
HSV	1°, 32%, 99%
XYZ	62.4391, 53.5229, 45.5681
YIQ	196.3930, 47.7260, 16.1260

Conversions

Conversions Part 2

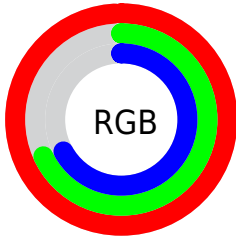
Format	Color
R_{YB}	252, 173, 171
Decimal	16559531
CIE _{Lab}	78.18, 28.69, 12.78
CIE _{LCh}	78, 31.412, 24.016
Yxy	53.5229, 0.3865, 0.3313
Android (android.graphics.Color)	4294749611 (0xFFFCADAB)
YUV	196.3930, -12.5187, 48.7673
Hunter-Lab	73.1593, 24.3150, 14.2821

Details

The XYZ color **62.4391, 53.5229, 45.5681** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.5494, 84.0541, 104.7066**, and the grayscale version is **52.7594, 55.5070, 60.4471**.

A 20% lighter version of the original color is **82.9868, 82.7896, 83.5576**, and **32.2944, 26.2342, 20.8144** is the 20% darker color. If you saturate the color by 10%, you get **55.9753, 44.0797, 32.6711**, and if you desaturate by 10%, it is **70.2304, 64.8878, 61.1678**.

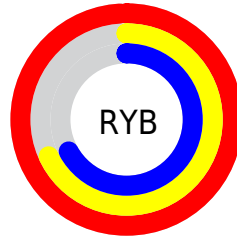
Distribution



Red (99%)

Green (68%)

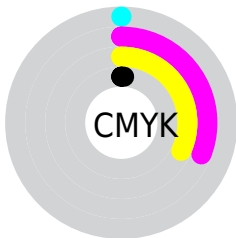
Blue (67%)



Red (99%)

Yellow (68%)

Blue (67%)

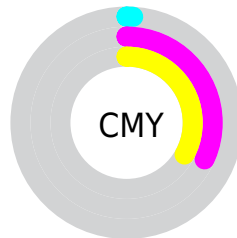


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (1%)



Cyan (1%)


Magenta (32%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4391, 53.5229, 45.5681 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 62.4391, 53.5229, 45.5681 by changing the saturation by 10% instead.


 62.4391, 53.5229,
45.5681

 62.4391, 53.5229,
45.5681


423.2231,
400.2881, 385.2965

 45.6445, 38.2204,
31.5589


 107.4463, 95.3734,
84.8997

 32.1688, 26.1538,
20.7628


136.3896,
122.6901, 111.0592

 21.6467, 16.9387,
12.7612

170.1132,
154.7803, 142.1060

 13.7127, 10.1908,
7.1355

208.9824,
192.0285, 178.4584

 8.0014, 5.5256,
3.4673

253.3627,
234.8189, 220.5352

 4.1477, 2.5589,
1.3379

303.6193,

 1.7860, 0.9060,

283.5361, 268.7548

0.0925

360.1177,
338.5643, 323.5357

■ 0.5092, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4391, 53.5229,
45.5681

■ 62.4391, 53.5229,
45.5681

■ 55.9753, 44.0797,
32.6711

■ 70.2304, 64.8878,
61.1678

■ 50.7611, 36.4450,
22.3204

■ 79.4130, 78.2643,
79.6082

■ 46.7170, 30.5055,
14.3482

■ 90.0516, 93.7457,
101.0219

■ 43.7527, 26.1321,
8.5657

■ 93.9549, 99.4354,
108.8487

■ 41.7646, 23.1769,
4.7551

■ 40.6289, 21.4643,
2.6542

■ 40.2126, 20.8309,
1.9013

Harmonies

Analogous

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



63.5437, 53.5229, 61.8749



62.4391, 53.5229, 45.5681



58.1307, 53.5229, 34.9709

Triad

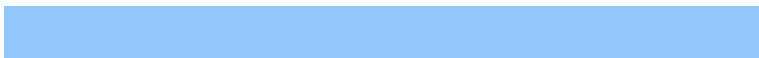
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.4391, 53.5229, 45.5681



41.9021, 53.5229, 40.5788



49.6507, 53.5229, 98.7997

Complementary

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



62.4391, 53.5229, 45.5681



68.5494, 84.0541, 104.7066

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.



44.2440, 53.5229, 90.1513



62.4391, 53.5229, 45.5681



40.0078, 53.5229, 54.8220

Square

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



62.4391, 53.5229, 45.5681



46.2155, 53.5229, 32.5219



40.8295, 53.5229, 73.1539



55.8310, 53.5229, 94.9502

Rectangle

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



62.4391, 53.5229, 45.5681



54.1936, 53.5229, 31.4360



40.8295, 53.5229, 73.1539



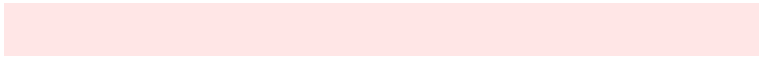
47.6888, 53.5229, 97.2112

Sweetspot

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



62.4405, 53.5255, 45.5692



83.7862, 83.6119, 86.2180



72.0655, 56.7647, 98.1362



17.6211, 17.4413, 17.8255



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.



62.4405, 53.5255, 45.5692



59.4317, 48.1030, 37.4055



71.2523, 71.1491, 48.5064



17.2791, 17.2940, 17.8898



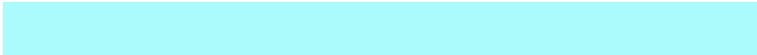
20.9626, 10.8819, 0.9956



1.9533, 1.0314, 0.0961

Inverse Universe

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



68.5494, 84.0541, 104.7066



66.6529, 84.2021, 107.3474



57.4493, 61.8539, 101.0065



17.7268, 19.5305, 22.2207



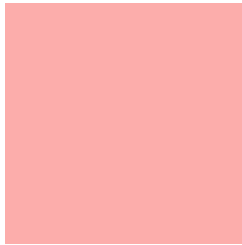
26.2991, 37.9537, 53.9132



2.4471, 3.5379, 4.9971

Previews

White Background



This preview shows how the XYZ color 62.4391, 53.5229, 45.5681 looks on a white background.

Color Contrast Check

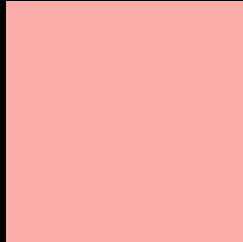
Large Text (above 18pt) WCAG AA × Fail

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 62.4391, 53.5229, 45.5681 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 62.4391, 53.5229, 45.5681

Background



This preview shows how black text looks on a background with the XYZ color 62.4391, 53.5229, 45.5681.



This preview shows how white text looks on a background with the XYZ color 62.4391, 53.5229,

45.5681.

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

62.4391, 53.5229, 45.5681

Protanopia

51.3329, 53.7967, 51.9342

Deuteranopia

55.0560, 53.9348, 45.0448



Tritanopia

63.7227, 53.4692, 52.3094

Trichromacy



Original Color

62.4391, 53.5229, 45.5681

Protanomaly

54.8082, 53.3922, 49.5365

Deuteranomaly

57.5879, 53.6818, 45.3566

Tritanomaly

63.3972, 53.6424, 49.6604

Monochromacy



Original Color

62.4391, 53.5229, 45.5681

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.2718, 54.1532, 54.5532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4391, 53.5229, 45.5681 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(252, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(252, 173, 171)  
}
```

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(252, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 173, 171) }
```

Border

The CSS property to change the border of an element to XYZ 62.4391, 53.5229, 45.5681 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(252, 173, 171) }
```


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

```
.border{ border-color:rgb(252, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(252, 173,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4391, 53.5229, 45.5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 173, 171) }
```

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

```
.background{ background-color: rgb(252,  
173, 171) }
```

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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