

Converting Colors

XYZ(80.4878, 62.4406, 44.2958)

Have a look what the booklet for
XYZ(80.4878, 62.4406, 44.2958)
contains.

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Color

**XYZ(62.7780, 53.1758,
43.5144)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABA7
RGB	255, 171, 167
RGB Percent	100%, 67%, 65%
CMY	0.0000, 0.3294, 0.3451
CMYK	0.00, 0.33, 0.35, 0.00
HSL	3°, 100%, 83%
HSV	3°, 35%, 100%
XYZ	62.7780, 53.1758, 43.5144
YIQ	195.6600, 51.3480, 16.5640

Conversions

Conversions Part 2

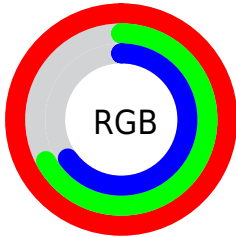
Format	Color
R _{YB}	255, 171, 167
Decimal	16755623
CIE Lab	77.98, 30.36, 14.71
CIE LCh	78, 33.736, 25.860
Yxy	53.1758, 0.3937, 0.3335
Android (android.graphics.Color)	4294945703 (0xFFFFABA7)
YUV	195.6600, -14.1294, 52.0412
Hunter-Lab	72.9217, 26.0568, 15.6652

Details

The XYZ color **62.7780, 53.1758, 43.5144** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.4822, 84.4268, 107.2943**, and the grayscale version is **52.3273, 55.0523, 59.9520**.

A 20% lighter version of the original color is **81.8939, 81.4721, 80.5167**, and **32.3379, 25.9304, 19.5203** is the 20% darker color. If you saturate the color by 10%, you get **56.4671, 43.9621, 30.9047**, and if you desaturate by 10%, it is **70.4028, 64.2734, 58.8562**.

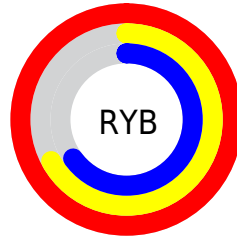
Distribution



Red (100%)

Green (67%)

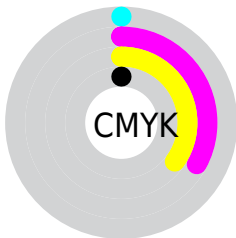
Blue (65%)



Red (100%)

Yellow (67%)

Blue (65%)

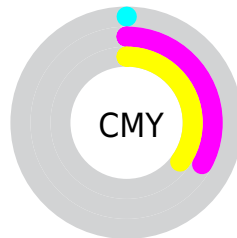


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7780, 53.1758, 43.5144 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 62.7780, 53.1758, 43.5144 by changing the saturation by 10% instead.


 62.7780, 53.1758,
43.5144


 62.7780, 53.1758,
43.5144


424.4358,
398.9592, 376.7062

 45.9196, 37.9431,
29.9545


 107.9328, 94.8630,
81.7812

 32.3867, 25.9386,
19.5523


 136.9599,
122.0863, 107.3252

 21.8140, 16.7777,
11.8892


170.7739,
154.0753, 137.7011

 13.8362, 10.0761,
6.5467

209.7403,
191.2144, 173.3272

 8.0877, 5.4494,
3.1061

254.2243,
233.8879, 214.6223

 4.2034, 2.5133,
1.1491

304.5913,

 1.8178, 0.8833,

282.4803, 262.0048

0.0000

361.2067,
337.3759, 315.8932

■ 0.5284, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7780, 53.1758,
43.5144

■ 62.7780, 53.1758,
43.5144

■ 56.4671, 43.9621,
30.9047

■ 70.4028, 64.2734,
58.8562

■ 51.3923, 36.5206,
20.8639

■ 79.4057, 77.3433,
77.0742

■ 47.4735, 30.7399,
13.2164

■ 89.8516, 92.4776,
98.3057

■ 44.6196, 26.4925,
7.7631

95.0500, 100.0000,
108.9000

■ 42.7259, 23.6324,
4.2729

■ 41.6663, 21.9857,
2.4631

■ 41.3667, 21.5135,
1.9722

Harmonies

Analogous

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



64.2119, 53.1758, 60.5496



62.7780, 53.1758, 43.5144



57.9652, 53.1758, 32.8288

Triad

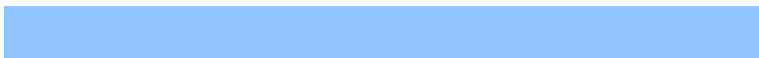
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.7780, 53.1758, 43.5144



40.7943, 53.1758, 39.8824



49.6359, 53.1758, 101.9786

Complementary

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



62.7780, 53.1758, 43.5144



68.4822, 84.4268, 107.2943

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.



43.7812, 53.1758, 93.2862



62.7780, 53.1758, 43.5144



38.9645, 53.1758, 55.3277

Square

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



62.7780, 53.1758, 43.5144



45.2318, 53.1758, 31.0726



40.0092, 53.1758, 75.1494



56.2524, 53.1758, 96.9205

Rectangle

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



62.7780, 53.1758, 43.5144



53.6900, 53.1758, 29.4342



40.0092, 53.1758, 75.1494



47.5195, 53.1758, 100.5252

Sweetspot

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



62.7793, 53.1783, 43.5154



83.9338, 83.9071, 86.2672



72.6402, 55.9304, 99.1180



17.6564, 17.5120, 17.8372



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.



62.7793, 53.1783, 43.5154



58.5374, 46.9887, 35.0290



72.2450, 72.1098, 46.6707



18.0757, 18.1195, 18.6891



21.6433, 11.2978, 1.0400



2.1296, 1.1446, 0.1087

Inverse Universe

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



68.4822, 84.4268, 107.2943



64.9714, 82.2682, 107.0627



56.5589, 60.5802, 103.3199



18.4798, 20.3313, 23.2003



26.2714, 37.4524, 55.2790



2.5790, 3.6887, 5.3893

Previews

White Background



This preview shows how the XYZ color 62.7780, 53.1758, 43.5144 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 62.7780, 53.1758, 43.5144 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 62.7780, 53.1758, 43.5144

Background



This preview shows how black text looks on a background with the XYZ color 62.7780, 53.1758, 43.5144.



This preview shows how white text looks on a background with the XYZ color 62.7780, 53.1758,

43.5144.

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

62.7780, 53.1758, 43.5144

Protanopia

50.9253, 53.6336, 49.7878

Deuteranopia

54.3839, 53.3277, 42.5489



Tritanopia

63.8715, 53.0133, 51.1222

Trichromacy



Original Color

62.7780, 53.1758, 43.5144

Protanomaly

54.5041, 52.9696, 47.3959

Deuteranomaly

57.2471, 53.2568, 42.8596

Tritanomaly

63.5505, 53.1838, 48.5110

Monochromacy



Original Color

62.7780, 53.1758, 43.5144

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

55.1426, 53.7951, 53.3761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7780, 53.1758, 43.5144 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 167) }
```

Border

The CSS property to change the border of an element to XYZ 62.7780, 53.1758, 43.5144 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, 167) }
```


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

```
.border{ border-color:rgb(255, 171, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7780, 53.1758, 43.5144 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
171, 167) }
```

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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