

Converting Colors

XYZ(76.4435, 60.1583, 43.8328)

Have a look what the booklet for
XYZ(76.4435, 60.1583, 43.8328)
contains.

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Color

**XYZ(62.6858, 53.1390,
43.0293)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABA6
RGB	255, 171, 166
RGB Percent	100%, 67%, 65%
CMY	0.0000, 0.3294, 0.3490
CMYK	0.00, 0.33, 0.35, 0.00
HSL	3°, 100%, 83%
HSV	3°, 35%, 100%
XYZ	62.6858, 53.1390, 43.0293
YIQ	195.5460, 51.6690, 16.2530

Conversions

Conversions Part 2

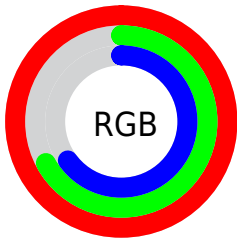
Format	Color
R _Y B	255, 171, 166
Decimal	16755622
CIE Lab	77.96, 30.24, 15.23
CIE LCh	78, 33.855, 26.728
Yxy	53.1390, 0.3946, 0.3345
Android (android.graphics.Color)	4294945702 (0xFFFFABA6)
YUV	195.5460, -14.5662, 52.1412
Hunter-Lab	72.8965, 25.9284, 16.0299

Details

The XYZ color **62.6858, 53.1390, 43.0293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.9600, 83.6948, 107.1805**, and the grayscale version is **52.2615, 54.9832, 59.8767**.

A 20% lighter version of the original color is **81.7602, 81.4186, 79.8128**, and **32.2806, 25.9075, 19.2189** is the 20% darker color. If you saturate the color by 10%, you get **56.4352, 44.0173, 30.5269**, and if you desaturate by 10%, it is **70.2306, 64.1064, 58.2521**.

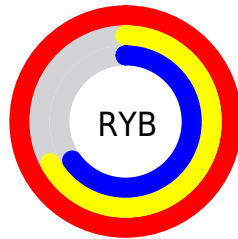
Distribution



Red (100%)

Green (67%)

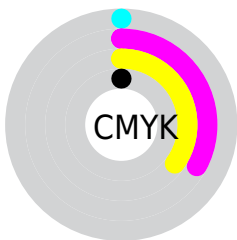
Blue (65%)



Red (100%)

Yellow (67%)

Blue (65%)

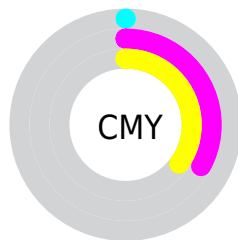


Cyan (0%)

Magenta (33%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6858, 53.1390, 43.0293 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 62.6858, 53.1390, 43.0293 by changing the saturation by 10% instead.


 62.6858, 53.1390,
43.0293

 62.6858, 53.1390,
43.0293


424.1061,
398.8182, 374.6570

 45.8448, 37.9137,
29.5765


 107.8004, 94.8089,
81.0419

 32.3274, 25.9158,
19.2681


 136.8048,
122.0223, 106.4388

 21.7685, 16.7606,
11.6854


170.5942,
154.0005, 136.6542

 13.8025, 10.0640,
6.4099

209.5342,
191.1280, 172.1066

 8.0642, 5.4414,
3.0231

253.9900,
233.7891, 213.2145

 4.1882, 2.5085,
1.1064

304.3270,

 1.8092, 0.8809,

282.3683, 260.3965

0.0000

360.9106,
337.2498, 314.0712

■ 0.5232, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6858, 53.1390,
43.0293

■ 62.6858, 53.1390,
43.0293

■ 56.4352, 44.0173,
30.5269

■ 70.2306, 64.1064,
58.2521

■ 51.4020, 36.6328,
20.5817

■ 79.1321, 77.0051,
76.3392

■ 47.5081, 30.8773,
13.0179

■ 89.4541, 91.9244,
97.4280

■ 44.6641, 26.6276,
7.6363

95.0500, 100.0000,
108.9000

■ 42.7678, 23.7428,
4.2051

■ 41.6957, 22.0552,
2.4403

■ 41.4016, 21.5833,
1.9839

Harmonies

Analogous

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



64.2377, 53.1390, 59.9543



62.6858, 53.1390, 43.0293



57.7795, 53.1390, 32.5206

Triad

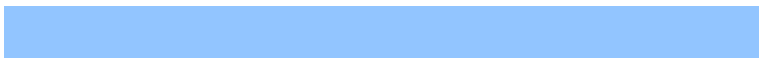
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.6858, 53.1390, 43.0293



40.6397, 53.1390, 40.1526



49.7876, 53.1390, 102.1584

Complementary

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



62.6858, 53.1390, 43.0293



67.9600, 83.6948, 107.1805

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.



43.8719, 53.1390, 93.7972



62.6858, 53.1390, 43.0293



38.8872, 53.1390, 55.8137

Square

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



62.6858, 53.1390, 43.0293



45.0216, 53.1390, 31.1309



40.0176, 53.1390, 75.7566



56.4208, 53.1390, 96.6831

Rectangle

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



62.6858, 53.1390, 43.0293



53.4710, 53.1390, 29.2470



40.0176, 53.1390, 75.7566



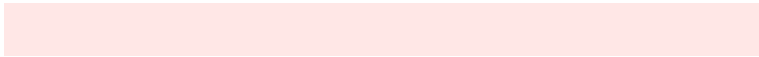
47.6547, 53.1390, 100.8352

Sweetspot

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



62.6872, 53.1416, 43.0303



84.0103, 84.0601, 86.2927



72.2181, 55.4695, 97.7957



17.6747, 17.5486, 17.8433



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.



62.6872, 53.1416, 43.0303



58.1204, 46.4809, 33.8839



72.4108, 72.5889, 46.2716



18.0913, 18.1508, 18.6943



21.6657, 11.3426, 1.0474



2.1370, 1.1595, 0.1112

Inverse Universe

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



67.9600, 83.6948, 107.1805



64.1130, 81.2434, 106.9102



55.8596, 59.4941, 103.1471



18.4622, 20.2960, 23.1944



25.8526, 36.6148, 55.1394



2.5428, 3.6163, 5.3773

Previews

White Background



This preview shows how the XYZ color 62.6858, 53.1390, 43.0293 looks on a white background.

Color Contrast Check

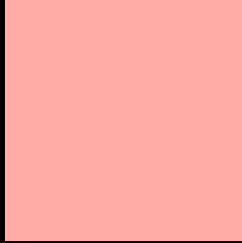
Large Text (above 18pt) WCAG AA × Fail

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 62.6858, 53.1390, 43.0293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

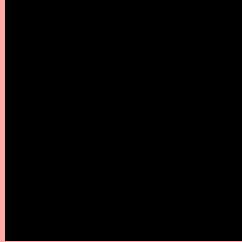
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6858, 53.1390, 43.0293

Background



This preview shows how black text looks on a background with the XYZ color 62.6858, 53.1390, 43.0293.



This preview shows how white text looks on a background with the XYZ color 62.6858, 53.1390,

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

62.6858, 53.1390, 43.0293

Protanopia

50.6049, 53.1530, 49.1874

Deuteranopia

54.2940, 53.2918, 42.0751



Tritanopia

63.8715, 53.0133, 51.1222

Trichromacy



Original Color

62.6858, 53.1390, 43.0293



Protanomaly

54.1985, 52.5138, 46.8148



Deuteranomaly

57.1564, 53.2205, 42.3821



Tritanomaly

63.4512, 53.1440, 47.9879

Monochromacy



Original Color

62.6858, 53.1390, 43.0293



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 62.6858, 53.1390, 43.0293 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 166) }
```

Border

The CSS property to change the border of an element to XYZ 62.6858, 53.1390, 43.0293 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, 166) }
```


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

```
.border{ border-color:rgb(255, 171, 166) }
```

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, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6858, 53.1390, 43.0293 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
171, 166) }
```

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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