

Converting Colors

XYZ(63.7404, 55.1007, 43.8352)

Have a look what the booklet for
XYZ(63.7404, 55.1007, 43.8352)
contains.

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Color

**XYZ(63.7404, 55.1007,
43.8352)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0A7
RGB	255, 176, 167
RGB Percent	100%, 69%, 65%
CMY	0.0000, 0.3098, 0.3451
CMYK	0.00, 0.31, 0.35, 0.00
HSL	6°, 100%, 83%
HSV	6°, 35%, 100%
XYZ	63.7404, 55.1007, 43.8352
YIQ	198.5950, 49.9730, 13.9490

Conversions

Conversions Part 2

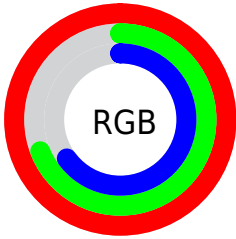
Format	Color
R _Y B	255, 177, 167
Decimal	16756903
CIE Lab	79.10, 27.74, 16.29
CIE LCh	79, 32.168, 30.415
Yxy	55.1007, 0.3918, 0.3387
Android (android.graphics.Color)	4294946983 (0xFFFFB0A7)
YUV	198.5950, -15.5763, 49.4672
Hunter-Lab	74.2298, 23.3739, 16.9482

Details

The XYZ color **63.7404, 55.1007, 43.8352** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.9408, 81.3439, 106.7805**, and the grayscale version is **54.1107, 56.9287, 61.9953**.

A 20% lighter version of the original color is **83.2814, 84.2472, 80.9792**, and **32.9424, 27.1395, 19.7218** is the 20% darker color. If you saturate the color by 10%, you get **57.4954, 46.0185, 31.2474**, and if you desaturate by 10%, it is **71.2098, 65.8875, 59.1253**.

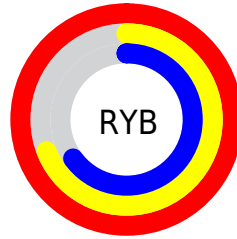
Distribution



Red (100%)

Green (69%)

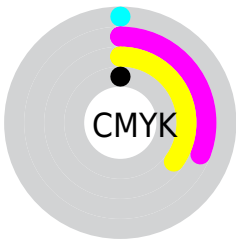
Blue (65%)



Red (100%)

Yellow (69%)

Blue (65%)

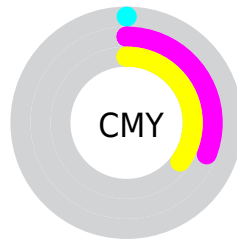


Cyan (0%)

Magenta (31%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7404, 55.1007, 43.8352 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 63.7404, 55.1007, 43.8352 by changing the saturation by 10% instead.


 63.7404, 55.1007,
43.8352


 63.7404, 55.1007,
43.8352


427.8687,
406.2935, 378.0570

 46.7013, 39.4824,
30.2047


 109.3128, 97.6885,
82.2695

 33.0066, 27.1352,
19.7407


 138.5769,
125.4267, 107.9105

 22.2907, 17.6748,
12.0245


172.6467,
157.9737, 138.3920

 14.1885, 10.7167,
6.6376

211.8875,
195.7138, 174.1326

 8.3345, 5.8767,
3.1615

256.6648,
239.0314, 215.5509

 4.3633, 2.7703,
1.1777

307.3438,

 1.9096, 1.0130,

288.3110, 263.0653

0.0000

364.2900,
343.9369, 317.0945

■ 0.5824, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7404, 55.1007,
43.8352

■ 63.7404, 55.1007,
43.8352

■ 57.4954, 46.0185,
31.2474

■ 71.2098, 65.8875,
59.1253

■ 52.4051, 38.5463,
21.2015

■ 79.9599, 78.4518,
77.2589

■ 48.3996, 32.5922,
13.5251

■ 90.0486, 92.8715,
98.3714

■ 45.3991, 28.0516,
8.0229

95.0500, 100.0000,
108.9000

■ 43.3131, 24.8068,
4.4686

■ 42.0338, 22.7208,
2.5856

■ 41.6115, 22.0030,
2.0538

Harmonies

Analogous

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



65.6939, 55.1007, 59.7399



63.7404, 55.1007, 43.8352



58.6979, 55.1007, 34.2286

Triad

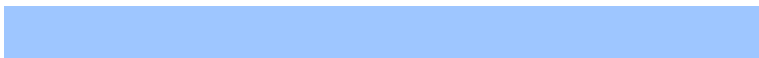
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.7404, 55.1007, 43.8352



42.3643, 55.1007, 44.1956



52.4609, 55.1007, 102.6866

Complementary

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



63.7404, 55.1007, 43.8352



66.9408, 81.3439, 106.7805

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.



46.5170, 55.1007, 96.2403



63.7404, 55.1007, 43.8352



40.9843, 55.1007, 60.2515

Square

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



63.7404, 55.1007, 43.8352



46.3742, 55.1007, 34.4049



42.4419, 55.1007, 79.7066



58.8649, 55.1007, 95.8902

Rectangle

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



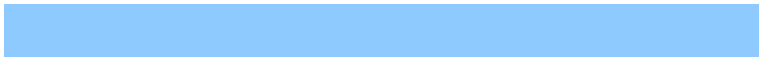
63.7404, 55.1007, 43.8352



54.4515, 55.1007, 31.4780



42.4419, 55.1007, 79.7066



50.3452, 55.1007, 101.9841

Sweetspot

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



63.7418, 55.1033, 43.8363



84.3402, 84.7200, 86.4027



71.7242, 55.5640, 94.2946



17.7538, 17.7067, 17.8697



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.



63.7418, 55.1033, 43.8363



59.5523, 49.0184, 35.3673



73.7560, 75.1318, 47.1744



18.1589, 18.2860, 18.7168



21.7914, 11.5941, 1.0894



2.1689, 1.2232, 0.1218

Inverse Universe

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



66.9408, 81.3439, 106.7805



63.1520, 78.6294, 106.4563



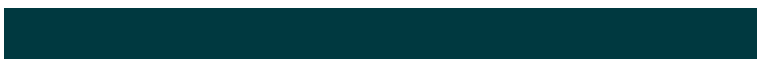
55.1543, 57.7710, 102.8517



18.3867, 20.1450, 23.1692



24.1229, 33.1554, 54.5628



2.3926, 3.3160, 5.3272

Previews

White Background



This preview shows how the XYZ color 63.7404, 55.1007, 43.8352 looks on a white background.

Color Contrast Check

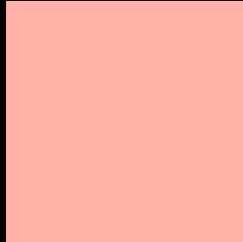
Large Text (above 18pt) WCAG AA × Fail

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 63.7404, 55.1007, 43.8352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

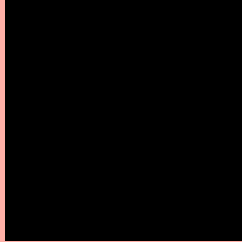
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7404, 55.1007, 43.8352

Background



This preview shows how black text looks on a background with the XYZ color 63.7404, 55.1007, 43.8352.



This preview shows how white text looks on a background with the XYZ color 63.7404, 55.1007,

43.8352.

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

63.7404, 55.1007, 43.8352

Protanopia

52.5776, 55.4915, 49.5348

Deuteranopia

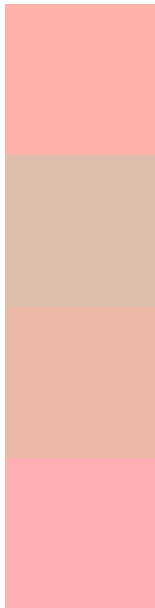
56.3532, 55.2806, 43.2974



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

63.7404, 55.1007, 43.8352

Protanomaly

56.1718, 55.1003, 47.2100

Deuteranomaly

58.9485, 55.0387, 43.5930

Tritanomaly

64.8082, 55.2152, 50.4219

Monochromacy



Original Color

63.7404, 55.1007, 43.8352

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.8139, 55.9095, 54.8109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7404, 55.1007, 43.8352 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, 176, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 167) }
```

Border

The CSS property to change the border of an element to XYZ 63.7404, 55.1007, 43.8352 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, 176, 167) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7404, 55.1007, 43.8352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 167) }
```

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

```
.background{ background-color: rgb(255,  
176, 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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