

Converting Colors

XYZ(63.8129, 55.5727, 42.7686)

Have a look what the booklet for
XYZ(63.8129, 55.5727, 42.7686)
contains.

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Color

**XYZ(63.7537, 55.4209,
42.9344)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1A5
RGB	255, 177, 165
RGB Percent	100%, 69%, 65%
CMY	0.0000, 0.3059, 0.3529
CMYK	0.00, 0.31, 0.35, 0.00
HSL	8°, 100%, 82%
HSV	8°, 35%, 100%
XYZ	63.7537, 55.4209, 42.9344
YIQ	198.9540, 50.3400, 12.8040

Conversions

Conversions Part 2

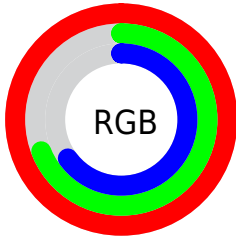
Format	Color
R _Y B	255, 179, 165
Decimal	16757157
CIE Lab	79.28, 26.98, 17.62
CIE LCh	79, 32.224, 33.150
Yxy	55.4209, 0.3933, 0.3419
Android (android.graphics.Color)	4294947237 (0xFFFFB1A5)
YUV	198.9540, -16.7393, 49.1523
Hunter-Lab	74.4452, 22.5854, 17.9176

Details

The XYZ color **63.7537, 55.4209, 42.9344** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.6163, 79.3175, 106.4592**, and the grayscale version is **54.3368, 57.1666, 62.2544**.

A 20% lighter version of the original color is **83.2972, 84.7051, 79.6696**, and **32.9532, 27.3433, 19.1637** is the 20% darker color. If you saturate the color by 10%, you get **57.6430, 46.5509, 30.5657**, and if you desaturate by 10%, it is **71.0368, 65.8949, 57.9779**.

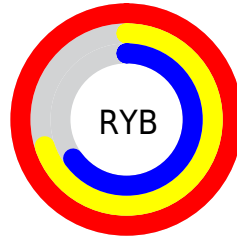
Distribution



Red (100%)

Green (69%)

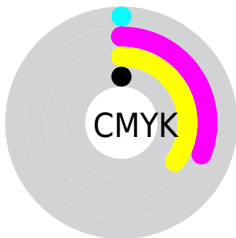
Blue (65%)



Red (100%)

Yellow (70%)

Blue (65%)

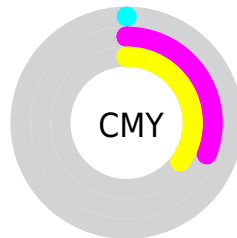


Cyan (0%)

Magenta (31%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7537, 55.4209, 42.9344 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 63.7537, 55.4209, 42.9344 by changing the saturation by 10% instead.


 63.7537, 55.4209,
42.9344


 63.7537, 55.4209,
42.9344

427.9160,
407.5054, 374.2552

 46.7122, 39.7388,
29.5026


 109.3319, 98.1574,
80.8972

 33.0151, 27.3350,
19.2125


 138.5992,
125.9805, 106.2652

 22.2973, 17.8249,
11.6456


172.6725,
158.6195, 136.4491

 14.1934, 10.8244,
6.3832

211.9171,
196.4587, 171.8674

 8.3379, 5.9489,
3.0070

256.6984,
239.8825, 212.9386

 4.3655, 2.8140,
1.0982

307.3818,

 1.9109, 1.0354,

289.2753, 260.0813

0.0000

364.3325,
345.0215, 313.7140

■ 0.5832, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7537, 55.4209,
42.9344

■ 63.7537, 55.4209,
42.9344

■ 57.6430, 46.5509,
30.5657

■ 71.0368, 65.8949,
57.9779

■ 52.6388, 39.1979,
20.7116

■ 79.5451, 78.0384,
75.8371

■ 48.6753, 33.2789,
13.1998

■ 89.3332, 91.9229,
96.6468

■ 45.6775, 28.6994,
7.8349

95.0500, 100.0000,
108.9000

■ 43.5603, 25.3535,
4.3897

■ 42.2226, 23.1190,
2.5849

■ 41.8125, 22.4049,
2.1208

Harmonies

Analogous

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



66.0514, 55.4209, 58.4136



63.7537, 55.4209, 42.9344



58.4768, 55.4209, 33.8834

Triad

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



63.7537, 55.4209, 42.9344



42.3700, 55.4209, 45.6847



53.3602, 55.4209, 103.1976

Complementary

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



63.7537, 55.4209, 42.9344



65.6163, 79.3175, 106.4592

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.



47.2719, 55.4209, 97.8933



63.7537, 55.4209, 42.9344



41.2402, 55.4209, 62.3163

Square

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



63.7537, 55.4209, 42.9344



46.1825, 55.4209, 35.2289



42.9620, 55.4209, 81.9191



59.7511, 55.4209, 95.2239

Rectangle

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



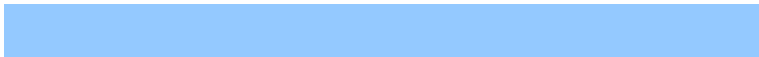
63.7537, 55.4209, 42.9344



54.1686, 55.4209, 31.5082



42.9620, 55.4209, 81.9191



51.2109, 55.4209, 102.9121

Sweetspot

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



63.7551, 55.4235, 42.9355



83.5879, 83.7827, 84.4030



70.8731, 54.6418, 91.6057



17.6125, 17.5372, 17.4740



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.



63.7551, 55.4235, 42.9355



59.5306, 49.3014, 34.3540



74.1531, 76.2195, 46.4015



18.2047, 18.3775, 18.7321



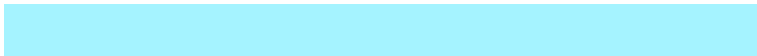
21.9075, 11.8261, 1.1280



2.1904, 1.2662, 0.1290

Inverse Universe

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



65.6163, 79.3175, 106.4592



61.6152, 76.2477, 106.0776



53.7616, 55.6080, 102.5076



18.3360, 20.0437, 23.1524



23.0202, 30.9501, 54.1952



2.2962, 3.1231, 5.2951

Previews

White Background



This preview shows how the XYZ color 63.7537, 55.4209, 42.9344 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 63.7537, 55.4209, 42.9344 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 63.7537, 55.4209, 42.9344

Background



This preview shows how black text looks on a background with the XYZ color 63.7537, 55.4209, 42.9344.



This preview shows how white text looks on a background with the XYZ color 63.7537, 55.4209,

42.9344.

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

63.7537, 55.4209, 42.9344

Protanopia

52.6546, 55.5541, 48.5053

Deuteranopia

56.8034, 55.5335, 42.3755



Tritanopia

65.5396, 55.5078, 54.2735

Trichromacy



Original Color

63.7537, 55.4209, 42.9344

Protanomaly

55.9797, 55.0234, 46.1982

Deuteranomaly

59.3097, 55.5554, 42.7193

Tritanomaly

64.9020, 55.5653, 49.9523

Monochromacy



Original Color

63.7537, 55.4209, 42.9344

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 63.7537, 55.4209, 42.9344 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, 177, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 165)  
}
```

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, 177, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 165) }
```

Border

The CSS property to change the border of an element to XYZ 63.7537, 55.4209, 42.9344 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, 177, 165) }
```


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

```
.border{ border-color:rgb(255, 177, 165) }
```

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

Here you see how a box with a 4 pixel rgb(255, 177, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7537, 55.4209, 42.9344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 165) }
```

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

```
.background{ background-color: rgb(255,  
177, 165) }
```

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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