

Converting Colors

XYZ(63.4158, 55.5433, 44.5117)

Have a look what the booklet for
XYZ(63.4158, 55.5433, 44.5117)
contains.

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Color

**XYZ(63.4963, 55.5506,
44.4215)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FDB2A8 |
| RGB | 253, 178, 168 |
| RGB Percent | 99%, 70%, 66% |
| CMY | 0.0078, 0.3019, 0.3412 |
| CMYK | 0.00, 0.30, 0.34, 0.01 |
| HSL | 7°, 96%, 83% |
| HSV | 7°, 34%, 99% |
| XYZ | 63.4963, 55.5506, 44.4215 |
| YIQ | 199.2850, 47.9100, 12.7900 |

Conversions

Conversions Part 2

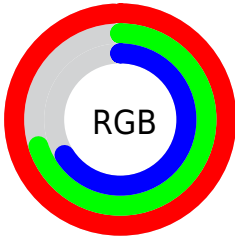
| Format | Color |
|-------------------------------------|---|
| R_{YB} | 253, 179, 168 |
| Decimal | 16626344 |
| CIE _{Lab} | 79.36, 26.07, 16.08 |
| CIE _{LCh} | 79, 30.627, 31.659 |
| Yxy | 55.5506, 0.3884, 0.3398 |
| Android (android.graphics.Color) | 4294816424 (0xFFFD _{B2A8}) |
| YUV | 199.2850, -15.4235, 47.1081 |
| Hunter-Lab | 74.5323, 21.6381, 16.8355 |

Details

The XYZ color **63.4963, 55.5506, 44.4215** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9275, 79.5150, 104.8018**, and the grayscale version is **54.5328, 57.3728, 62.4790**.

A 20% lighter version of the original color is **83.9821, 85.4334, 81.8760**, and **32.9917, 27.5303, 20.0980** is the 20% darker color. If you saturate the color by 10%, you get **57.2790, 46.5280, 31.8300**, and if you desaturate by 10%, it is **70.8978, 66.2073, 59.6711**.

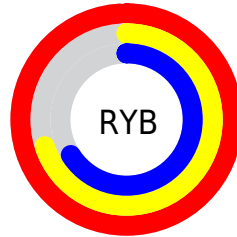
Distribution



Red (99%)

Green (70%)

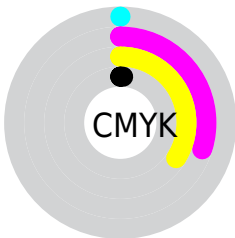
Blue (66%)



Red (99%)

Yellow (70%)

Blue (66%)

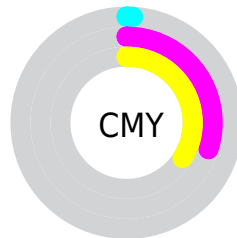


Cyan (0%)

Magenta (30%)

Yellow (34%)

Black (1%)



Cyan (1%)


Magenta (30%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4963, 55.5506, 44.4215 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 63.4963, 55.5506, 44.4215 by changing the saturation by 10% instead.


 63.4963, 55.5506,
44.4215


 63.4963, 55.5506,
44.4215


426.9995,
407.9957, 380.5171

 46.5030, 39.8427,
30.6624


 108.9630, 98.3472,
83.1608

 32.8492, 27.4159,
20.0856


 138.1671,
126.2047, 108.9782

 22.1696, 17.8859,
12.2726


172.1722,
158.8809, 139.6520

 14.0989, 10.8681,
6.8048

211.3436,
196.7602, 175.6008

 8.2716, 5.9782,
3.2637

256.0466,
240.2269, 217.2432

 4.3225, 2.8318,
1.2308

306.6468,

 1.8862, 1.0446,

289.6654, 264.9977

0.0041

363.5093,
345.4602, 319.2828

■ 0.5688, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4963, 55.5506,
44.4215

■ 63.4963, 55.5506,
44.4215

■ 57.2790, 46.5280,
31.8300

■ 70.8978, 66.2073,
59.6711

■ 52.1799, 39.0510,
21.7410

■ 79.5362, 78.5649,
77.7156

■ 48.1331, 33.0349,
13.9879

■ 89.4663, 92.6965,
98.6863

■ 45.0642, 28.3836,
8.3824

■ 94.3181, 99.6227,
108.8657

■ 42.8886, 24.9892,
4.7069

■ 41.5066, 22.7276,
2.6974

■ 40.9668, 21.8001,
2.0487

Harmonies

Analogous

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



65.4977, 55.5506, 59.5117



63.4963, 55.5506, 44.4215



58.6027, 55.5506, 35.3455

Triad

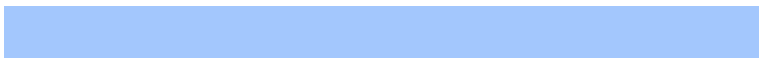
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.4963, 55.5506, 44.4215



43.0774, 55.5506, 45.8158



53.1417, 55.5506, 100.9558

Complementary

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



63.4963, 55.5506, 44.4215



65.9275, 79.5150, 104.8018

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.



47.3920, 55.5506, 95.3807



63.4963, 55.5506, 44.4215



41.8582, 55.5506, 61.4692

Square

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



63.4963, 55.5506, 44.4215



46.8434, 55.5506, 36.0340



43.3765, 55.5506, 80.0182



59.2396, 55.5506, 94.0608

Rectangle

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



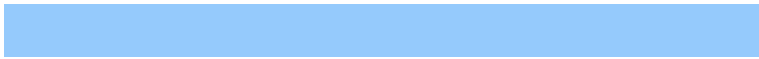
63.4963, 55.5506, 44.4215



54.5299, 55.5506, 32.8258



43.3765, 55.5506, 80.0182



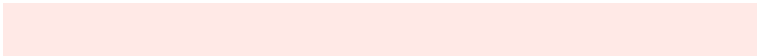
51.1055, 55.5506, 100.4734

Sweetspot

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



63.4978, 55.5533, 44.4226



84.4508, 84.9411, 86.4395



70.7012, 55.3646, 91.8203



17.7803, 17.7597, 17.8785



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.



63.4978, 55.5533, 44.4226



60.4461, 50.4725, 36.6933



73.2789, 75.1156, 47.6830



18.1815, 18.3313, 18.7243



21.8456, 11.7024, 1.1074



2.1796, 1.2445, 0.1253

Inverse Universe

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



65.9275, 79.5150, 104.8018



63.2356, 78.0897, 106.3477



54.6682, 56.9965, 101.0487



18.3616, 20.0948, 23.1609



23.5708, 32.0512, 54.3788



2.3444, 3.2196, 5.3111

Previews

White Background



This preview shows how the XYZ color 63.4963, 55.5506, 44.4215 looks on a white background.

Color Contrast Check

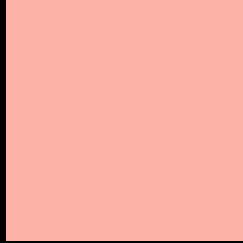
Large Text (above 18pt) WCAG AA × Fail

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 63.4963, 55.5506, 44.4215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

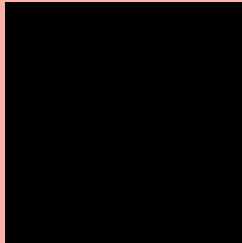
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4963, 55.5506, 44.4215

Background



This preview shows how black text looks on a background with the XYZ color 63.4963, 55.5506, 44.4215.



This preview shows how white text looks on a background with the XYZ color 63.4963, 55.5506,

44.4215.

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

63.4963, 55.5506, 44.4215

Protanopia

52.8526, 55.6333, 49.5476

Deuteranopia

56.7591, 55.4793, 43.7934



Tritanopia

65.6471, 55.5508, 54.8393

Trichromacy



Original Color

63.4963, 55.5506, 44.4215



Protanomaly

55.9618, 54.9808, 47.7072



Deuteranomaly

58.9161, 55.3208, 44.1320



Tritanomaly

64.7389, 55.4577, 51.0084

Monochromacy



Original Color

63.4963, 55.5506, 44.4215



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

56.9213, 55.9525, 55.3768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4963, 55.5506, 44.4215 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(253, 178, 168)` looks like.

```
.text, #text, p{  
    color:rgb(253, 178, 168)  
}
```

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(253, 178, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 178, 168) }
```

Border

The CSS property to change the border of an element to XYZ 63.4963, 55.5506, 44.4215 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(253, 178, 168) }
```


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

```
.border{ border-color:rgb(253, 178, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 178, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 178, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 178, 168);  
box-shadow:4px 4px 4px 4px rgb(253, 178,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4963, 55.5506, 44.4215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 178, 168) }
```

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

```
.background{ background-color: rgb(253,  
178, 168) }
```

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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