

Converting Colors

XYZ(63.9273, 55.2513, 44.5862)

Have a look what the booklet for
XYZ(63.9273, 55.2513, 44.5862)
contains.

XYZ(63.9268, 55.1752, 44.8167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.9268, 55.1752,
44.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0A9
RGB	255, 176, 169
RGB Percent	100%, 69%, 66%
CMY	0.0000, 0.3098, 0.3372
CMYK	0.00, 0.31, 0.34, 0.00
HSL	5°, 100%, 83%
HSV	5°, 34%, 100%
XYZ	63.9268, 55.1752, 44.8167
YIQ	198.8230, 49.3310, 14.5710

Conversions

Conversions Part 2

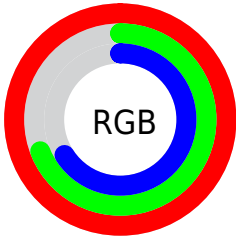
Format	Color
R _Y B	255, 177, 169
Decimal	16756905
CIE Lab	79.14, 27.98, 15.27
CIE LCh	79, 31.876, 28.614
Yxy	55.1752, 0.3900, 0.3366
Android (android.graphics.Color)	4294946985 (0xFFFFB0A9)
YUV	198.8230, -14.7027, 49.2672
Hunter-Lab	74.2800, 23.6305, 16.2235

Details

The XYZ color **63.9268, 55.1752, 44.8167** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.9783, 82.7869, 107.0044**, and the grayscale version is **54.2450, 57.0700, 62.1492**.

A 20% lighter version of the original color is **83.5512, 84.3550, 82.3995**, and **33.0588, 27.1860, 20.3347** is the 20% darker color. If you saturate the color by 10%, you get **57.5592, 45.9047, 32.0130**, and if you desaturate by 10%, it is **71.5564, 66.2223, 60.3454**.

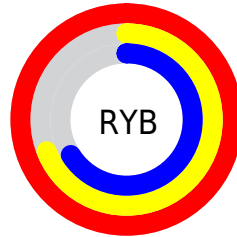
Distribution



Red (100%)

Green (69%)

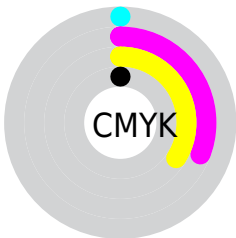
Blue (66%)



Red (100%)

Yellow (69%)

Blue (66%)

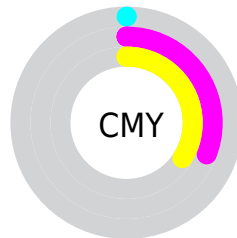


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9268, 55.1752, 44.8167 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 63.9268, 55.1752, 44.8167 by changing the saturation by 10% instead.


 63.9268, 55.1752,
44.8167

 63.9268, 55.1752,
44.8167


428.5317,
406.5757, 382.1691

 46.8528, 39.5420,
30.9712


 109.5798, 97.7976,
83.7608

 33.1268, 27.1816,
20.3186


138.8896,
125.5556, 109.6965

 22.3833, 17.7097,
12.4405


173.0087,
158.1240, 140.4993

 14.2570, 10.7418,
6.9182

212.3025,
195.8872, 176.5878

 8.3825, 5.8935,
3.3334

257.1364,
239.2296, 218.3804

 4.3945, 2.7804,
1.2673

307.8756,

 1.9277, 1.0182,

288.5355, 266.2959

0.0347

364.8856,
344.1894, 320.7526

■ 0.5928, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.9268, 55.1752,
44.8167

■ 63.9268, 55.1752,
44.8167

■ 57.5592, 45.9047,
32.0130

■ 71.5564, 66.2223,
60.3454

■ 52.3815, 38.3109,
21.7739

■ 80.5066, 79.1238,
78.7404

■ 48.3208, 32.2956,
13.9274

■ 90.8376, 93.9622,
100.1369

■ 45.2942, 27.7474,
8.2789

95.0500, 100.0000,
108.9000

■ 43.2075, 24.5404,
4.6035

■ 41.9485, 22.5273,
2.6275

■ 41.5040, 21.7880,
2.0180

Harmonies

Analogous

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



65.6421, 55.1752, 60.9278



63.9268, 55.1752, 44.8167



59.0725, 55.1752, 34.8642

Triad

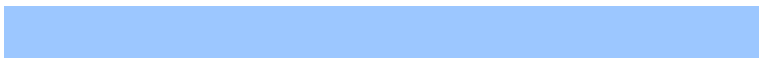
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.9268, 55.1752, 44.8167



42.6804, 55.1752, 43.6202



52.1470, 55.1752, 102.3303

Complementary

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



63.9268, 55.1752, 44.8167



67.9783, 82.7869, 107.0044

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.



46.3279, 55.1752, 95.2078



63.9268, 55.1752, 44.8167



41.1426, 55.1752, 59.2330

Square

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



63.9268, 55.1752, 44.8167



46.8013, 55.1752, 34.2780



42.4230, 55.1752, 78.4577



58.5194, 55.1752, 96.3643

Rectangle

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



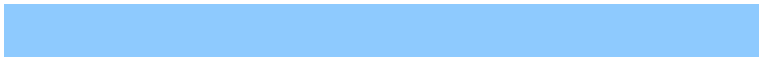
63.9268, 55.1752, 44.8167



54.8939, 55.1752, 31.8685



42.4230, 55.1752, 78.4577



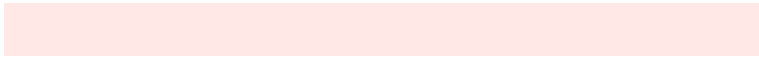
50.0650, 55.1752, 101.3649

Sweetspot

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



63.9281, 55.1778, 44.8178



84.1905, 84.4205, 86.3528



72.5688, 56.4927, 96.9202



17.7179, 17.6349, 17.8577



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.



63.9281, 55.1778, 44.8178



59.7886, 49.1576, 36.4741



73.4040, 74.1295, 47.9764



18.1282, 18.2247, 18.7066



21.7279, 11.4670, 1.0682



2.1545, 1.1944, 0.1170

Inverse Universe

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



67.9783, 82.7869, 107.0044



64.3534, 80.3254, 106.7203



56.5482, 59.9267, 103.1943



18.4208, 20.2133, 23.1806



24.8926, 34.6947, 54.8194



2.4596, 3.4499, 5.3495

Previews

White Background



This preview shows how the XYZ color 63.9268, 55.1752, 44.8167 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 63.9268, 55.1752, 44.8167 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 63.9268, 55.1752, 44.8167

Background



This preview shows how black text looks on a background with the XYZ color 63.9268, 55.1752, 44.8167.



This preview shows how white text looks on a background with the XYZ color 63.9268, 55.1752,

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

63.9268, 55.1752, 44.8167

Protanopia

52.7785, 55.5719, 50.5926

Deuteranopia

56.5367, 55.3540, 44.2638



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

63.9268, 55.1752, 44.8167

Protanomaly

56.3669, 55.1783, 48.2371

Deuteranomaly

59.1334, 55.1127, 44.5669

Tritanomaly

64.8082, 55.2152, 50.4219

Monochromacy



Original Color

63.9268, 55.1752, 44.8167

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 63.9268, 55.1752, 44.8167 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 169) }
```

Border

The CSS property to change the border of an element to XYZ 63.9268, 55.1752, 44.8167 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, 169) }
```


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

```
.border{ border-color:rgb(255, 176, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9268, 55.1752, 44.8167 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, 169) }
```

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

```
.background{ background-color: rgb(255,  
176, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor