

Converting Colors

XYZ(63.5569, 55.0273, 42.8688)

Have a look what the booklet for
XYZ(63.5569, 55.0273, 42.8688)
contains.

XYZ(63.5569, 55.0273, 42.8688)	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(63.5569, 55.0273,
42.8688)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0A5
RGB	255, 176, 165
RGB Percent	100%, 69%, 65%
CMY	0.0000, 0.3098, 0.3529
CMYK	0.00, 0.31, 0.35, 0.00
HSL	7°, 100%, 82%
HSV	7°, 35%, 100%
XYZ	63.5569, 55.0273, 42.8688
YIQ	198.3670, 50.6150, 13.3270

Conversions

Conversions Part 2

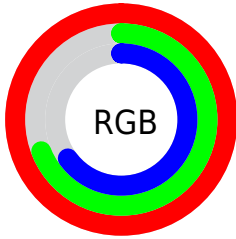
Format	Color
R _Y B	255, 178, 165
Decimal	16756901
CIE Lab	79.06, 27.50, 17.31
CIE LCh	79, 32.495, 32.180
Yxy	55.0273, 0.3937, 0.3408
Android (android.graphics.Color)	4294946981 (0xFFFFB0A5)
YUV	198.3670, -16.4499, 49.6671
Hunter-Lab	74.1804, 23.1211, 17.6626

Details

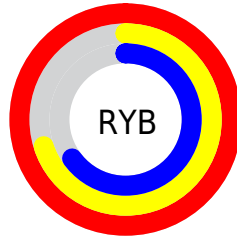
The XYZ color **63.5569, 55.0273, 42.8688** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.9164, 79.9177, 106.5592**, and the grayscale version is **53.9765, 56.7875, 61.8416**.

A 20% lighter version of the original color is **83.0149, 84.1405, 79.5755**, and **32.8285, 27.0939, 19.1222** is the 20% darker color. If you saturate the color by 10%, you get **57.4307, 46.1263, 30.4949**, and if you desaturate by 10%, it is **70.8721, 65.5656, 57.9230**.

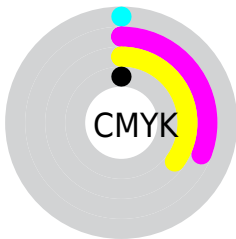
Distribution



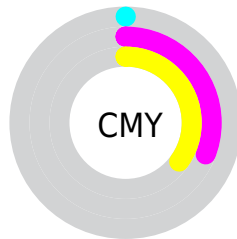
- Red (100%)
- Green (69%)
- Blue (65%)



- 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 63.5569, 55.0273, 42.8688 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 63.5569, 55.0273, 42.8688 by changing the saturation by 10% instead.


 63.5569, 55.0273,
42.8688


 63.5569, 55.0273,
42.8688


427.2154,
406.0154, 373.9773

 46.5522, 39.4236,
29.4515


 109.0499, 97.5810,
80.7971

 32.8883, 27.0894,
19.1742


 138.2689,
125.2997, 106.1452

 22.1997, 17.6404,
11.6181


172.2900,
157.8255, 136.3073

 14.1211, 10.6921,
6.3648

211.4786,
195.5429, 171.7020

 8.2872, 5.8602,
2.9958

256.2002,
238.8362, 212.7478

 4.3326, 2.7603,
1.0925

306.8199,

 1.8920, 1.0079,

288.0897, 259.8633

0.0000

363.7032,
343.6880, 313.4669

■ 0.5722, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5569, 55.0273,
42.8688

■ 63.5569, 55.0273,
42.8688

■ 57.4307, 46.1263,
30.4949

■ 70.8721, 65.5656,
57.9230

■ 52.4263, 38.7729,
20.6407

■ 79.4307, 77.8096,
75.7989

■ 48.4761, 32.8806,
13.1334

■ 89.2883, 91.8331,
96.6318

■ 45.5034, 28.3513,
7.7769

95.0500, 100.0000,
108.9000

■ 43.4208, 25.0746,
4.3432

■ 42.1243, 22.9224,
2.5521

■ 41.7348, 22.2495,
2.0949

Harmonies

Analogous

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



65.7482, 55.0273, 58.5701



63.5569, 55.0273, 42.8688



58.3270, 55.0273, 33.6001

Triad

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



63.5569, 55.0273, 42.8688



42.0501, 55.0273, 44.7745



52.7765, 55.0273, 103.0499

Complementary

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



63.5569, 55.0273, 42.8688



65.9164, 79.9177, 106.5592

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.



46.7065, 55.0273, 97.2847



63.5569, 55.0273, 42.8688



40.8263, 55.0273, 61.2811

Square

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



63.5569, 55.0273, 42.8688



45.9504, 55.0273, 34.5304



42.4607, 55.0273, 80.9704



59.2130, 55.0273, 95.4241

Rectangle

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



63.5569, 55.0273, 42.8688



54.0133, 55.0273, 31.0895



42.4607, 55.0273, 80.9704



50.6268, 55.0273, 102.6117

Sweetspot

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



63.5583, 55.0299, 42.8699



83.5009, 83.6087, 84.3740



71.1006, 54.7328, 92.8037



17.5919, 17.4961, 17.4672



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.



63.5583, 55.0299, 42.8699



59.3216, 48.8835, 34.2844



73.7564, 75.4262, 46.2693



18.1883, 18.3447, 18.7266



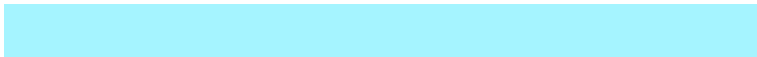
21.8629, 11.7371, 1.1132



2.1827, 1.2509, 0.1264

Inverse Universe

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



65.9164, 79.9177, 106.5592



61.9681, 76.9534, 106.1952



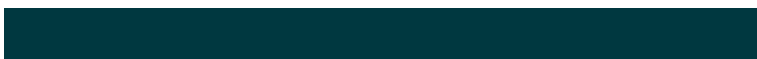
54.1062, 56.2972, 102.6225



18.3541, 20.0799, 23.1584



23.4089, 31.7275, 54.3248



2.3303, 3.1913, 5.3064

Previews

White Background



This preview shows how the XYZ color 63.5569, 55.0273, 42.8688 looks on a white background.

Color Contrast Check

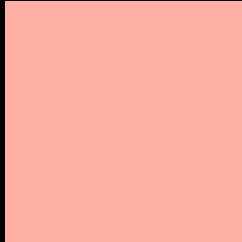
Large Text (above 18pt) WCAG AA × Fail

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 63.5569, 55.0273, 42.8688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

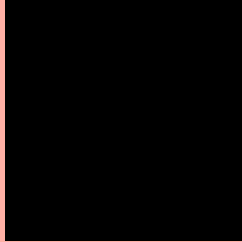
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.5569, 55.0273, 42.8688

Background



This preview shows how black text looks on a background with the XYZ color 63.5569, 55.0273, 42.8688.



This preview shows how white text looks on a background with the XYZ color 63.5569, 55.0273,

42.8688.

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

63.5569, 55.0273, 42.8688

Protanopia

52.6546, 55.5541, 48.5053

Deuteranopia

56.4870, 55.3704, 42.3607



Tritanopia

65.2390, 55.0773, 53.6469

Trichromacy



Original Color

63.5569, 55.0273, 42.8688

Protanomaly

55.9797, 55.0234, 46.1982

Deuteranomaly

58.7664, 54.9658, 42.6341

Tritanomaly

64.6059, 55.1343, 49.3564

Monochromacy



Original Color

63.5569, 55.0273, 42.8688

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.4898, 55.4322, 54.1765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5569, 55.0273, 42.8688 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 165) }
```

Border

The CSS property to change the border of an element to XYZ 63.5569, 55.0273, 42.8688 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, 165) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5569, 55.0273, 42.8688 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, 165) }
```

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

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

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