

Converting Colors

XYZ(63.9907, 55.8224, 57.2652)

Have a look what the booklet for
XYZ(63.9907, 55.8224, 57.2652)
contains.

XYZ(63.9923, 55.8201, 57.2708)	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(63.9923, 55.8201,
57.2708)**

Conversions

Conversions Part 1

Format	Color
Hex	F7B3C0
RGB	247, 179, 192
RGB Percent	97%, 70%, 75%
CMY	0.0314, 0.2980, 0.2471
CMYK	0.00, 0.28, 0.22, 0.03
HSL	349°, 81%, 84%
HSV	349°, 28%, 97%
XYZ	63.9923, 55.8201, 57.2708
YIQ	200.8140, 36.3550, 18.4590

Conversions

Conversions Part 2

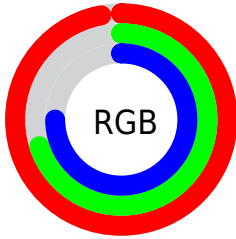
Format	Color
R _Y B	247, 179, 192
Decimal	16233408
CIE Lab	79.51, 26.54, 3.23
CIE LCh	80, 26.737, 6.941
Yxy	55.8201, 0.3614, 0.3152
Android (android.graphics.Color)	4294423488 (0xFFF7B3C0)
YUV	200.8140, -4.3453, 40.5051
Hunter-Lab	74.7129, 22.1395, 6.8505

Details

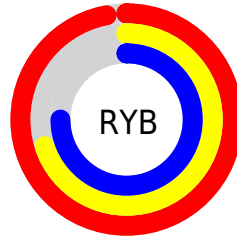
The XYZ color **63.9923, 55.8201, 57.2708** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7048, 82.0471, 90.1668**, and the grayscale version is **55.4138, 58.2996, 63.4882**.

A 20% lighter version of the original color is **87.8916, 87.4540, 101.0549**, and **33.3563, 27.7329, 28.0210** is the 20% darker color. If you saturate the color by 10%, you get **57.4126, 45.9660, 44.8871**, and if you desaturate by 10%, it is **71.7623, 67.5729, 71.5351**.

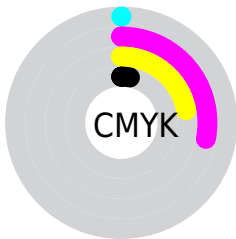
Distribution



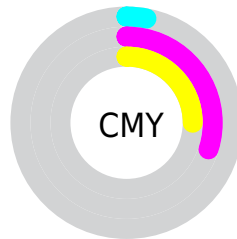
- Red (97%)
- Green (70%)
- Blue (75%)



- Red (97%)
- Yellow (70%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (22%)
- Black (3%)




- Cyan (3%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.9923, 55.8201, 57.2708 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 63.9923, 55.8201, 57.2708 by changing the saturation by 10% instead.


 63.9923, 55.8201,
57.2708

 63.9923, 55.8201,
57.2708


428.7645,
409.0132, 431.9854

 46.9061, 40.0587,
40.8119


 109.6736, 98.7415,
102.3645

 33.1691, 27.5843,
27.8535


138.9995,
126.6703, 131.8363

 22.4158, 18.0125,
17.9772

173.1359,
159.4237, 166.4829

 14.2811, 10.9590,
10.7643

212.4483,
197.3860, 206.7227

 8.3994, 6.0393,
5.7964

257.3020,
240.9418, 252.9743

 4.4055, 2.8690,
2.6549


308.0624,

 1.9340, 1.0637,


290.4753, 305.6563

0.9206


365.0948,
346.3709, 365.1871


 0.5965, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 63.9923, 55.8201,
57.2708


 63.9923, 55.8201,
57.2708


 57.4126, 45.9660,
44.8871


 71.7623, 67.5729,
71.5351


 51.9593, 37.9033,
34.3016

 80.7730, 81.3087,
87.7510

 47.5692, 31.5259,
25.4305

 91.0778, 97.1163,
105.9900

 44.1710, 26.7135,
18.1819

 92.1680, 98.5143,
108.7651

■ 41.6847, 23.3295,
12.4552

■ 40.0167, 21.2136,
8.1379

■ 39.0474, 20.1561,
5.0986

■ 38.8753, 19.9812,
4.5191

Harmonies

Analogous

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



63.1461, 55.8201, 73.1271



63.9923, 55.8201, 57.2708



61.7535, 55.8201, 44.6663

Triad

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



63.9923, 55.8201, 57.2708



47.0822, 55.8201, 40.0548



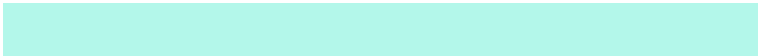
49.1087, 55.8201, 92.2894

Complementary

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



63.9923, 55.8201, 57.2708



66.7048, 82.0471, 90.1668

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.



45.2149, 55.8201, 80.3631



63.9923, 55.8201, 57.2708



44.1013, 55.8201, 49.9049

Square

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



63.9923, 55.8201, 57.2708



51.8159, 55.8201, 35.8732



43.4414, 55.8201, 64.4268



54.3143, 55.8201, 95.1569

Rectangle

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



63.9923, 55.8201, 57.2708



58.8963, 55.8201, 39.1901



43.4414, 55.8201, 64.4268



47.6139, 55.8201, 89.1197

Sweetspot

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



63.9938, 55.8227, 57.2719



86.3400, 86.6503, 93.4483



66.6454, 56.3494, 95.3601



18.1512, 18.0438, 19.4134



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.



63.9938, 55.8227, 57.2719



64.7371, 53.9142, 53.9705



67.0119, 64.0624, 51.4844



16.6285, 16.5343, 17.7904



20.5982, 10.5827, 2.5925



1.8446, 0.9438, 0.4080

Inverse Universe

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



63.9938, 55.8227, 57.2719



64.7371, 53.9142, 53.9705



62.7408, 71.0207, 98.3977



16.6285, 16.5343, 17.7904



20.5982, 10.5827, 2.5925



1.8446, 0.9438, 0.4080

Previews

White Background



This preview shows how the XYZ color 63.9923, 55.8201, 57.2708 looks on a white background.

Color Contrast Check

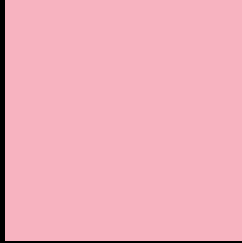
Large Text (above 18pt) WCAG AA × Fail

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 63.9923, 55.8201, 57.2708 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 63.9923, 55.8201, 57.2708

Background



This preview shows how black text looks on a background with the XYZ color 63.9923, 55.8201, 57.2708.



This preview shows how white text looks on a background with the XYZ color 63.9923, 55.8201,

57.2708.

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

63.9923, 55.8201, 57.2708

Protanopia

53.9538, 55.8862, 63.8206

Deuteranopia

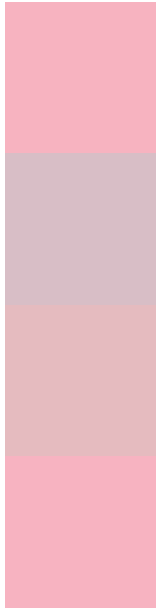
57.1385, 56.0394, 56.5204



Tritanopia

64.1035, 55.8646, 57.8564

Trichromacy



Original Color

63.9923, 55.8201, 57.2708

Protanomaly

56.9254, 55.5031, 61.1389

Deuteranomaly

59.4874, 55.9602, 56.9563

Tritanomaly

64.1035, 55.8646, 57.8564

Monochromacy



Original Color

63.9923, 55.8201, 57.2708

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.1764, 57.1226, 61.3856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9923, 55.8201, 57.2708 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(247, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(247, 179, 192)  
}
```

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(247, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 179, 192) }
```

Border

The CSS property to change the border of an element to XYZ 63.9923, 55.8201, 57.2708 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(247, 179, 192) }
```


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

```
.border{ border-color:rgb(247, 179, 192) }
```

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

Here you see how a box with a 4 pixel rgb(247, 179, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(247, 179,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9923, 55.8201, 57.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 179, 192) }
```

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

```
.background{ background-color: rgb(247,  
179, 192) }
```

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