

Converting Colors

XYZ(91.1897, 74.1641, 52.3534)

Have a look what the booklet for
XYZ(91.1897, 74.1641, 52.3534)
contains.

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Color

**XYZ(68.2263, 62.2139,
51.0604)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0B3
RGB	255, 192, 179
RGB Percent	100%, 75%, 70%
CMY	0.0000, 0.2470, 0.2980
CMYK	0.00, 0.25, 0.30, 0.00
HSL	10°, 100%, 85%
HSV	10°, 30%, 100%
XYZ	68.2263, 62.2139, 51.0604
YIQ	209.3550, 41.7210, 9.3130

Conversions

Conversions Part 2

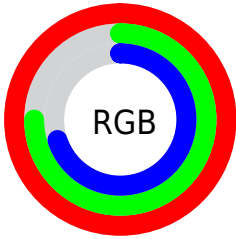
Format	Color
R _Y B	255, 195, 179
Decimal	16761011
CIE Lab	83.03, 20.85, 15.35
CIE LCh	83, 25.890, 36.371
Yxy	62.2139, 0.3759, 0.3428
Android (android.graphics.Color)	4294951091 (0xFFFFC0B3)
YUV	209.3550, -14.9650, 40.0307
Hunter-Lab	78.8758, 16.3670, 16.8316

Details

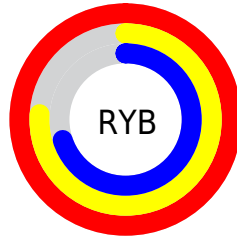
The XYZ color **68.2263, 62.2139, 51.0604** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3914, 80.3053, 106.5036**, and the grayscale version is **60.9131, 64.0853, 69.7889**.

A 20% lighter version of the original color is **90.1111, 95.0095, 92.1866**, and **35.8803, 31.5536, 23.9380** is the 20% darker color. If you saturate the color by 10%, you get **61.5696, 52.6532, 37.2726**, and if you desaturate by 10%, it is **76.0295, 73.3041, 67.5845**.

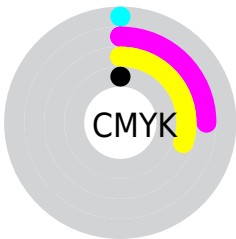
Distribution



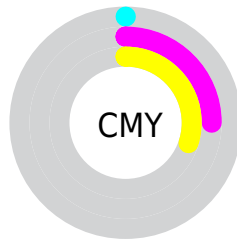
- Red (100%)
- Green (75%)
- Blue (70%)



- Red (100%)
- Yellow (76%)
- Blue (70%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.2263, 62.2139, 51.0604 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 68.2263, 62.2139, 51.0604 by changing the saturation by 10% instead.


 68.2263, 62.2139,
51.0604

 68.2263, 62.2139,
51.0604

443.6616,
432.7109, 407.6517

 50.3562, 45.2056,
35.8796


 115.7160,
108.0346, 93.1565

 35.9155, 31.6194,
24.0523


146.0662,
137.6158, 120.9088

 24.5387, 21.0709,
15.1598

181.3073,
172.1567, 153.6888

 15.8606, 13.1759,
8.7838

221.8045,
212.0417, 191.9149

 9.5158, 7.5498,
4.5055

267.9231,
257.6552, 236.0057

 5.1389, 3.8082,
1.9066

320.0286,

 2.3646, 1.5669,

309.3817, 286.3797

0.4969

378.4863,
367.6054, 343.4555

■ 0.8274, 0.3351,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.2263, 62.2139,
51.0604

■ 68.2263, 62.2139,
51.0604

■ 61.5696, 52.6532,
37.2726

■ 76.0295, 73.3041,
67.5845

■ 56.0002, 44.5462,
26.0693

■ 85.0255, 85.9780,
86.9781

■ 51.4605, 37.8238,
17.2896

95.0500, 100.0000,
108.9000

■ 47.8854, 32.4075,
10.7529

■ 45.2024, 28.2109,
6.2531

■ 43.3276, 25.1367,
3.5456

■ 42.1453, 23.0663,
2.2453

■ 42.1272, 23.0343,
2.2257

Harmonies

Analogous

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



70.4835, 62.2139, 64.3782



68.2263, 62.2139, 51.0604



63.5509, 62.2139, 43.2488

Triad

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



68.2263, 62.2139, 51.0604



49.8123, 62.2139, 56.1245



60.3345, 62.2139, 103.2127

Complementary

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



68.2263, 62.2139, 51.0604



68.3914, 80.3053, 106.5036

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.



54.9237, 62.2139, 100.0760



68.2263, 62.2139, 51.0604



49.0706, 62.2139, 71.2176

Square

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



68.2263, 62.2139, 51.0604



52.9785, 62.2139, 45.8340



50.8849, 62.2139, 87.7068



65.7454, 62.2139, 95.7058

Rectangle

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



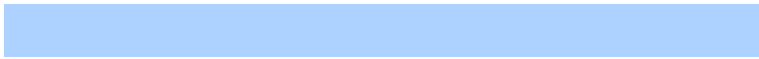
68.2263, 62.2139, 51.0604



59.8162, 62.2139, 41.4058



50.8849, 62.2139, 87.7068



58.4540, 62.2139, 103.3829

Sweetspot

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



68.2279, 62.2168, 51.0617



85.8015, 87.0668, 88.6645



73.4376, 59.9317, 91.9647



18.0655, 18.2155, 18.3271



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.



68.2279, 62.2168, 51.0617



63.9706, 56.1152, 42.2040



77.5811, 80.9233, 54.1794



18.2605, 18.4893, 18.7507



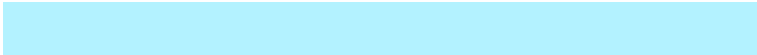
22.0851, 12.1814, 1.1872



2.2168, 1.3189, 0.1377

Inverse Universe

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



68.3914, 80.3053, 106.5036



64.1471, 76.9313, 106.0761



58.3132, 60.1487, 103.1442



18.2748, 19.9212, 23.1319



21.7479, 28.4053, 53.7711



2.1842, 2.8991, 5.2577

Previews

White Background



This preview shows how the XYZ color 68.2263, 62.2139, 51.0604 looks on a white background.

Color Contrast Check

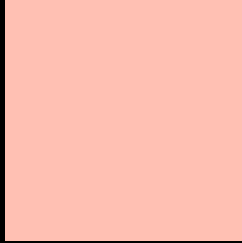
Large Text (above 18pt) WCAG AA × Fail

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 68.2263, 62.2139, 51.0604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

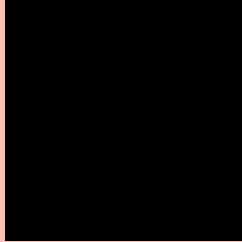
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.2263, 62.2139, 51.0604

Background



This preview shows how black text looks on a background with the XYZ color 68.2263, 62.2139, 51.0604.



This preview shows how white text looks on a background with the XYZ color 68.2263, 62.2139,

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

68.2263, 62.2139, 51.0604

Protanopia

59.2531, 62.2867, 55.3539

Deuteranopia

63.7192, 62.2383, 50.7743



Tritanopia

70.4329, 62.3987, 64.8318

Trichromacy



Original Color

68.2263, 62.2139, 51.0604

Protanomaly

62.0670, 62.0152, 53.4986

Deuteranomaly

65.0840, 61.9273, 50.6423

Tritanomaly

69.6084, 62.4166, 59.4178

Monochromacy



Original Color

68.2263, 62.2139, 51.0604

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.9130, 62.9578, 62.2623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2263, 62.2139, 51.0604 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, 192, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 179)  
}
```

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, 192, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 179) }
```

Border

The CSS property to change the border of an element to XYZ 68.2263, 62.2139, 51.0604 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, 192, 179) }
```


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

```
.border{ border-color:rgb(255, 192, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 192, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2263, 62.2139, 51.0604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 179) }
```

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

```
.background{ background-color: rgb(255,  
192, 179) }
```

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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