

Converting Colors

XYZ(71.3869, 63.8952, 52.8109)

Have a look what the booklet for
XYZ(71.3869, 63.8952, 52.8109)
contains.

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Color

**XYZ(68.5331, 62.3367,
52.6761)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC0B6
RGB	255, 192, 182
RGB Percent	100%, 75%, 71%
CMY	0.0000, 0.2470, 0.2863
CMYK	0.00, 0.25, 0.29, 0.00
HSL	8°, 100%, 86%
HSV	8°, 29%, 100%
XYZ	68.5331, 62.3367, 52.6761
YIQ	209.6970, 40.7580, 10.2460

Conversions

Conversions Part 2

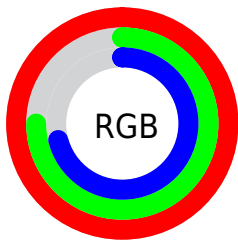
Format	Color
R _Y B	255, 194, 182
Decimal	16761014
CIE Lab	83.09, 21.24, 13.84
CIE LCh	83, 25.349, 33.100
Yxy	62.3367, 0.3734, 0.3396
Android (android.graphics.Color)	4294951094 (0xFFFFC0B6)
YUV	209.6970, -13.6546, 39.7307
Hunter-Lab	78.9536, 16.7723, 15.7105

Details

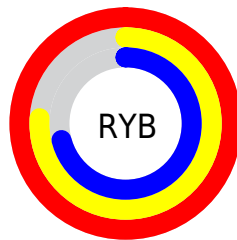
The XYZ color **68.5331, 62.3367, 52.6761** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.9927, 82.4670, 106.8365**, and the grayscale version is **61.1293, 64.3127, 70.0366**.

A 20% lighter version of the original color is **90.5483, 95.1844, 94.4889**, and **36.0769, 31.6323, 24.9731** is the 20% darker color. If you saturate the color by 10%, you get **61.6583, 52.4273, 38.5453**, and if you desaturate by 10%, it is **76.6134, 73.8885, 69.5774**.

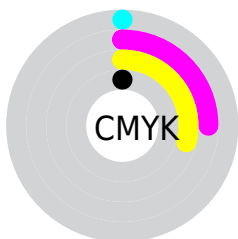
Distribution



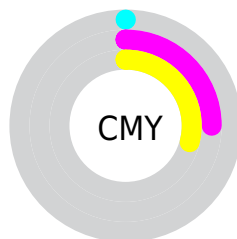
- Red (100%)
- Green (75%)
- Blue (71%)



- Red (100%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.5331, 62.3367, 52.6761 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 68.5331, 62.3367, 52.6761 by changing the saturation by 10% instead.


 68.5331, 62.3367,
52.6761

 68.5331, 62.3367,
52.6761


444.7297,
433.1582, 414.0722

 50.6068, 45.3048,
37.1583


 116.1522,
108.2120, 95.5643

 36.1156, 31.6976,
25.0333


146.5757,
137.8242, 123.7718

 24.6940, 21.1306,
15.8827


181.8956,
172.3987, 157.0462

 15.9767, 13.2195,
9.2877

222.4774,
212.3197, 195.8062

 9.5984, 7.5799,
4.8299

268.6863,
257.9718, 240.4703

 5.1937, 3.8273,
2.0908

320.8878,

 2.3973, 1.5774,

309.7394, 291.4569

0.6103

379.4471,
368.0067, 349.1847

■ 0.8438, 0.3423,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.5331, 62.3367,
52.6761

■ 68.5331, 62.3367,
52.6761

■ 61.6583, 52.4273,
38.5453

■ 76.6134, 73.8885,
69.5774

■ 55.9262, 44.0774,
27.0334

■ 85.9484, 87.1437,
89.3824

■ 51.2754, 37.2098,
17.9798

95.0500, 100.0000,
108.9000

■ 47.6370, 31.7371,
11.2048

■ 44.9336, 27.5629,
6.5040

■ 43.0764, 24.5780,
3.6361

■ 41.9514, 22.6521,
2.2618

■ 41.8396, 22.4591,
2.1299

Harmonies

Analogous

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



70.4195, 62.3367, 66.2535



68.5331, 62.3367, 52.6761



64.1513, 62.3367, 44.3389

Triad

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



68.5331, 62.3367, 52.6761



50.3306, 62.3367, 55.1020



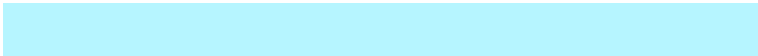
59.8214, 62.3367, 102.7322

Complementary

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



68.5331, 62.3367, 52.6761



69.9927, 82.4670, 106.8365

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.



54.6033, 62.3367, 98.5393



68.5331, 62.3367, 52.6761



49.3273, 62.3367, 69.5208

Square

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



68.5331, 62.3367, 52.6761



53.6730, 62.3367, 45.5803



50.8440, 62.3367, 85.7457



65.1988, 62.3367, 96.4596

Rectangle

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



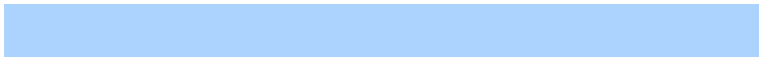
68.5331, 62.3367, 52.6761



60.5256, 62.3367, 42.0819



50.8440, 62.3367, 85.7457



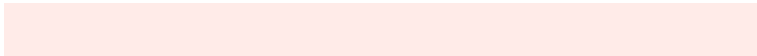
57.9908, 62.3367, 102.5021

Sweetspot

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



68.5347, 62.3396, 52.6774



85.5769, 86.6177, 88.5897



74.4905, 61.3254, 94.5109



18.0106, 18.1058, 18.3089



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.



68.5347, 62.3396, 52.6774



64.6941, 56.8148, 44.7491



77.4914, 80.2530, 55.6629



18.2101, 18.3884, 18.7339



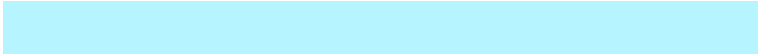
21.9229, 11.8570, 1.1332



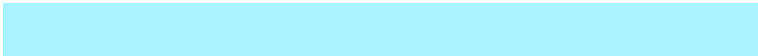
2.1930, 1.2713, 0.1298

Inverse Universe

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



69.9927, 82.4670, 106.8365



66.3480, 79.7491, 106.5039



60.0853, 62.6522, 103.5340



18.3301, 20.0318, 23.1504



22.8934, 30.6965, 54.1530



2.2851, 3.1009, 5.2914

Previews

White Background



This preview shows how the XYZ color 68.5331, 62.3367, 52.6761 looks on a white background.

Color Contrast Check

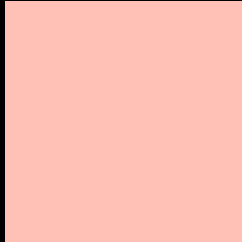
Large Text (above 18pt) WCAG AA × Fail

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 68.5331, 62.3367, 52.6761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

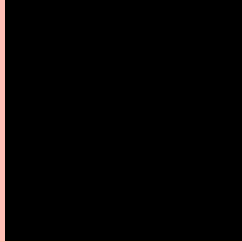
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.5331, 62.3367, 52.6761

Background



This preview shows how black text looks on a background with the XYZ color 68.5331, 62.3367, 52.6761.



This preview shows how white text looks on a background with the XYZ color 68.5331, 62.3367,

52.6761.

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

68.5331, 62.3367, 52.6761

Protanopia

59.6314, 62.7904, 57.6920

Deuteranopia

63.9198, 62.6493, 52.4396



Tritanopia

70.5525, 62.4465, 65.4616

Trichromacy



Original Color

68.5331, 62.3367, 52.6761

Protanomaly

62.7233, 62.6519, 55.8009

Deuteranomaly

65.6150, 62.5018, 52.3218

Tritanomaly

69.8346, 62.5071, 60.6090

Monochromacy



Original Color

68.5331, 62.3367, 52.6761

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.1453, 63.0508, 63.4855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.5331, 62.3367, 52.6761 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, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 182)  
}
```

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, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 182) }
```

Border

The CSS property to change the border of an element to XYZ 68.5331, 62.3367, 52.6761 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, 182) }
```


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

```
.border{ border-color:rgb(255, 192, 182) }
```

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, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 68.5331, 62.3367, 52.6761 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, 182) }
```

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

```
.background{ background-color: rgb(255,  
192, 182) }
```

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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