

Converting Colors

XYZ(66.1063, 62.9831, 57.3880)

Have a look what the booklet for
XYZ(66.1063, 62.9831, 57.3880)
contains.

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Color

**XYZ(66.1063, 62.9831,
57.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C6BE
RGB	242, 198, 190
RGB Percent	95%, 78%, 75%
CMY	0.0510, 0.2235, 0.2549
CMYK	0.00, 0.18, 0.21, 0.05
HSL	9°, 67%, 85%
HSV	9°, 21%, 95%
XYZ	66.1063, 62.9831, 57.3880
YIQ	210.2440, 28.7920, 6.8400

Conversions

Conversions Part 2

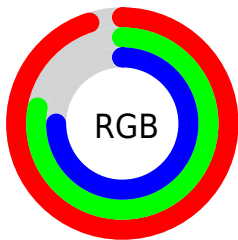
Format	Color
R_{YB}	242, 199, 190
Decimal	15910590
CIE _{Lab}	83.43, 14.41, 9.88
CIE _{LCh}	83, 17.472, 34.448
Yxy	62.9831, 0.3545, 0.3378
Android (android.graphics.Color)	4294100670 (0xFFFF2C6BE)
YUV	210.2440, -9.9803, 27.8500
Hunter-Lab	79.3619, 9.8023, 12.6797

Details

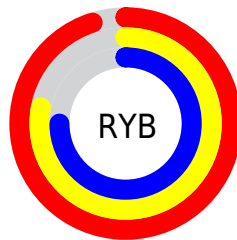
The XYZ color **66.1063, 62.9831, 57.3880** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6844, 76.2017, 95.1986**, and the grayscale version is **61.4705, 64.6718, 70.4276**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **34.4962, 32.0669, 28.0383** is the 20% darker color. If you saturate the color by 10%, you get **59.3101, 53.2777, 43.1386**, and if you desaturate by 10%, it is **73.9778, 74.1352, 74.1639**.

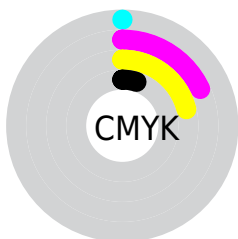
Distribution



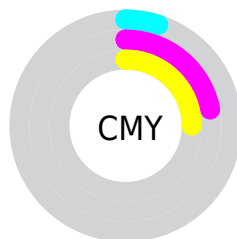
- Red (95%)
- Green (78%)
- Blue (75%)



- Red (95%)
- Yellow (78%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (5%)





- Cyan (5%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.1063, 62.9831, 57.3880 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 66.1063, 62.9831, 57.3880 by changing the saturation by 10% instead.


 66.1063, 62.9831,
57.3880

 66.1063, 62.9831,
57.3880


436.2396,
435.5082, 432.4360

 48.6267, 45.8275,
40.9054


 112.6958,
109.1451, 102.5371

 34.5368, 32.1097,
27.9260


142.5364,
138.9204, 132.0406

 23.4711, 21.4453,
18.0314


177.2280,
173.6710, 166.7215

 15.0644, 13.4499,
10.8028

217.1361,
213.7814, 206.9984

 8.9512, 7.7391,
5.8219

262.6259,
259.6359, 253.2897

 4.7662, 3.9285,
2.6701

314.0629,

 2.1441, 1.6336,

311.6189, 306.0141

0.9283

371.8123,
370.1149, 365.5900

0.7130, 0.3801,
0.0000

0.0000, 0.0000,
0.0000

66.1063, 62.9831,
57.3880

66.1063, 62.9831,
57.3880

59.3101, 53.2777,
43.1386

73.9778, 74.1352,
74.1639

53.5372, 44.9513,
31.2893

82.9634, 86.7811,
93.5764

48.7389, 37.9437,
21.7086

90.4281, 97.6173,
108.6837

44.8605, 32.1866,
14.2509

■ 41.8417, 27.6057,
8.7536

■ 39.6147, 24.1187,
5.0300

■ 38.1010, 21.6323,
2.8575

■ 37.2876, 20.2162,
1.9368

Harmonies

Analogous

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



67.4635, 62.9831, 66.9647



66.1063, 62.9831, 57.3880



63.0774, 62.9831, 51.3470

Triad

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



66.1063, 62.9831, 57.3880



53.4982, 62.9831, 59.9255



60.4331, 62.9831, 91.6786

Complementary

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



66.1063, 62.9831, 57.3880



66.6844, 76.2017, 95.1986

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.



56.7608, 62.9831, 89.2876



66.1063, 62.9831, 57.3880



52.8569, 62.9831, 70.2168

Square

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



66.1063, 62.9831, 57.3880



55.8170, 62.9831, 52.6994



54.0267, 62.9831, 81.1353



64.1011, 62.9831, 87.3628

Rectangle

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



66.1063, 62.9831, 57.3880



60.5747, 62.9831, 49.7538



54.0267, 62.9831, 81.1353



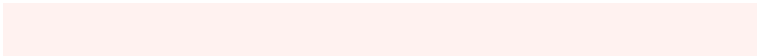
59.1580, 62.9831, 91.6359

Sweetspot

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



66.1080, 62.9860, 57.3893



88.6922, 91.0706, 95.1084



69.9121, 61.6570, 86.2094



18.8417, 19.2929, 20.0501



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.



66.1080, 62.9860, 57.3893



70.7945, 65.7246, 56.9284



72.5148, 75.7995, 59.5249



15.9692, 16.1515, 16.4256



20.0930, 10.9840, 1.0611



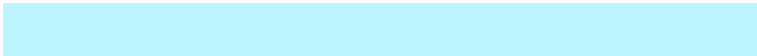
1.7302, 1.0311, 0.1078

Inverse Universe

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



66.6844, 76.2017, 95.1986



71.5521, 83.1809, 106.8921



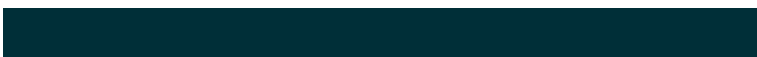
59.8676, 62.5681, 92.9263



16.0280, 17.4902, 20.2528



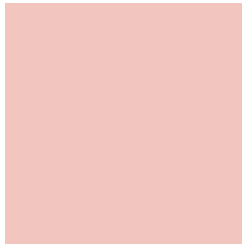
20.3875, 26.9993, 49.2647



1.7514, 2.3569, 4.1168

Previews

White Background



This preview shows how the XYZ color 66.1063, 62.9831, 57.3880 looks on a white background.

Color Contrast Check

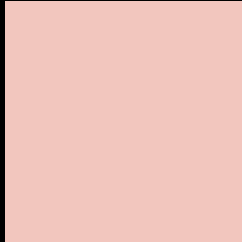
Large Text (above 18pt) WCAG AA × Fail

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 66.1063, 62.9831, 57.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

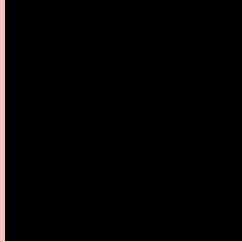
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.1063, 62.9831, 57.3880

Background



This preview shows how black text looks on a background with the XYZ color 66.1063, 62.9831, 57.3880.



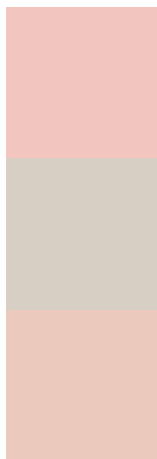
This preview shows how white text looks on a background with the XYZ color 66.1063, 62.9831,

57.3880.

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

66.1063, 62.9831, 57.3880

Protanopia

60.1875, 63.0129, 60.6202

Deuteranopia

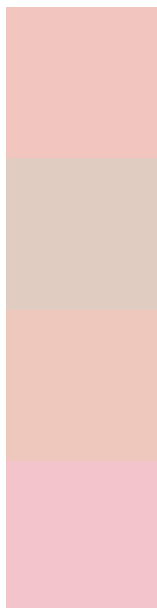
64.3329, 63.1096, 56.9348



Tritanopia

68.4562, 62.9165, 69.5088

Trichromacy



Original Color

66.1063, 62.9831, 57.3880

Protanomaly

62.2698, 63.0435, 59.3387

Deuteranomaly

65.0995, 63.1598, 56.9041

Tritanomaly

67.4816, 62.8463, 65.0738

Monochromacy



Original Color

66.1063, 62.9831, 57.3880

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.9750, 63.9840, 65.5309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1063, 62.9831, 57.3880 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(242, 198, 190)` looks like.

```
.text, #text, p{  
    color:rgb(242, 198, 190)  
}
```

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(242, 198, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 198, 190) }
```

Border

The CSS property to change the border of an element to XYZ 66.1063, 62.9831, 57.3880 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(242, 198, 190) }
```


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

```
.border{ border-color:rgb(242, 198, 190) }
```

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

Here you see how a box with a 4 pixel rgb(242, 198, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 198, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 198, 190);  
box-shadow:4px 4px 4px 4px rgb(242, 198,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1063, 62.9831, 57.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 198, 190) }
```

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

```
.background{ background-color: rgb(242,  
198, 190) }
```

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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