

Converting Colors

XYZ(71.7730, 65.2247, 50.7873)

Have a look what the booklet for
XYZ(71.7730, 65.2247, 50.7873)
contains.

XYZ(69.0158, 63.9542, 50.8263)	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(69.0158, 63.9542,
50.8263)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC4B2
RGB	255, 196, 178
RGB Percent	100%, 77%, 70%
CMY	0.0000, 0.2313, 0.3020
CMYK	0.00, 0.23, 0.30, 0.00
HSL	14°, 100%, 85%
HSV	14°, 30%, 100%
XYZ	69.0158, 63.9542, 50.8263
YIQ	211.5890, 40.9420, 6.9100

Conversions

Conversions Part 2

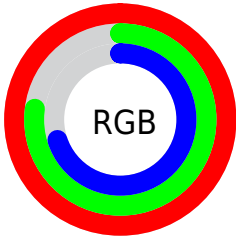
Format	Color
R _Y B	255, 201, 178
Decimal	16762034
CIE Lab	83.94, 18.62, 17.17
CIE LCh	84, 25.329, 42.672
Yxy	63.9542, 0.3755, 0.3480
Android (android.graphics.Color)	4294952114 (0xFFFFC4B2)
YUV	211.5890, -16.5594, 38.0714
Hunter-Lab	79.9714, 14.0967, 18.2978

Details

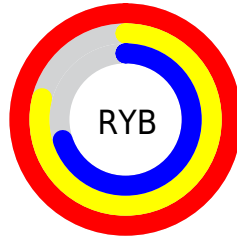
The XYZ color **69.0158, 63.9542, 50.8263** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6932, 77.2507, 106.0035**, and the grayscale version is **62.3952, 65.6447, 71.4870**.

A 20% lighter version of the original color is **91.2166, 97.4511, 91.8442**, and **36.4006, 32.6970, 23.7947** is the 20% darker color. If you saturate the color by 10%, you get **62.5662, 54.7784, 37.1972**, and if you desaturate by 10%, it is **76.5185, 74.4739, 67.1557**.

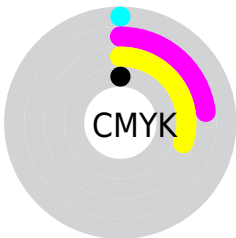
Distribution



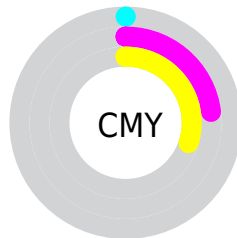
- Red (100%)
- Green (77%)
- Blue (70%)



- Red (100%)
- Yellow (79%)
- Blue (70%)



- Cyan (0%)
- Magenta (23%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0158, 63.9542, 50.8263 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 69.0158, 63.9542, 50.8263 by changing the saturation by 10% instead.


 69.0158, 63.9542,
50.8263

 69.0158, 63.9542,
50.8263


446.4072,
439.0242, 406.7158

 51.0013, 46.6136,
35.6946


 116.8381,
110.5450, 92.8068

 36.4307, 32.7303,
23.9106


147.3765,
140.5639, 120.4928

 24.9386, 21.9199,
15.0557


182.8204,
175.5778, 153.2005

 16.1598, 13.7981,
8.7115

223.5349,
215.9709, 191.3487

 9.7289, 7.9803,
4.4592

269.8855,
262.1277, 235.3557

 5.2805, 4.0824,
1.8805


322.2375,


 2.4492, 1.7197,


314.4326, 285.6403


0.4803


380.9563,
373.2700, 342.6208


 0.8697, 0.4364,
0.0000


 0.0000, 0.0000,
0.0000


 69.0158, 63.9542,
50.8263


 69.0158, 63.9542,
50.8263

 62.5662, 54.7784,
37.1972


 76.5185, 74.4739,
67.1557

 57.1163, 46.8833,
26.1182

 85.1145, 86.3802,
86.3168

 52.6155, 40.2132,
17.4299

94.8481, 99.7245,
108.4372

 49.0062, 34.7052,
10.9536

95.0500, 100.0000,
108.9000

■ 46.2243, 30.2901,
6.4849

■ 44.1958, 26.8909,
3.7809

■ 42.8364, 24.4529,
2.4621

Harmonies

Analogous

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



71.8593, 63.9542, 63.1138



69.0158, 63.9542, 50.8263



64.0363, 63.9542, 44.2421

Triad

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



69.0158, 63.9542, 50.8263



51.1146, 63.9542, 60.8838



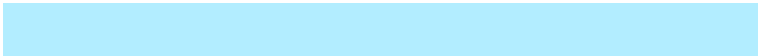
63.1692, 63.9542, 104.0972

Complementary

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



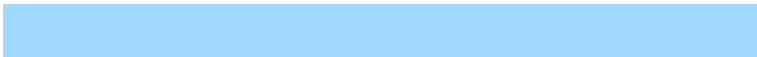
69.0158, 63.9542, 50.8263



66.6932, 77.2507, 106.0035

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.



57.6486, 63.9542, 103.2553



69.0158, 63.9542, 50.8263



50.9141, 63.9542, 76.5912

Square

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



69.0158, 63.9542, 50.8263



53.8048, 63.9542, 49.4096



53.2389, 63.9542, 92.5917



68.3476, 63.9542, 94.7411

Rectangle

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



69.0158, 63.9542, 50.8263



60.2881, 63.9542, 43.2444



53.2389, 63.9542, 92.5917



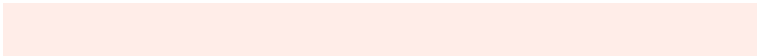
61.2878, 63.9542, 105.0343

Sweetspot

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



69.0174, 63.9571, 50.8276



86.2175, 87.8989, 88.8032



72.4517, 59.2178, 87.7581



18.1672, 18.4189, 18.3611



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.



69.0174, 63.9571, 50.8276



65.1480, 58.4699, 42.5965



78.8320, 83.5863, 54.0991



18.3540, 18.6763, 18.7818



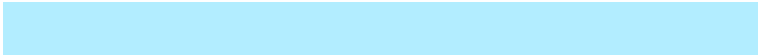
22.4766, 12.9644, 1.3177



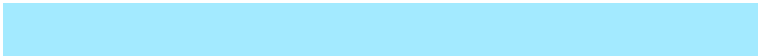
2.2676, 1.4207, 0.1547

Inverse Universe

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



66.6932, 77.2507, 106.0035



62.4856, 73.6083, 105.5222



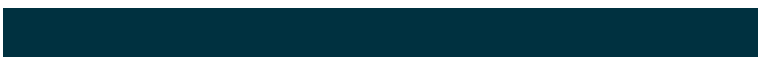
56.7269, 57.3181, 102.6814



18.1737, 19.7189, 23.0982



19.7922, 24.4939, 53.1192



2.0101, 2.5508, 5.1997

Previews

White Background



This preview shows how the XYZ color 69.0158, 63.9542, 50.8263 looks on a white background.

Color Contrast Check

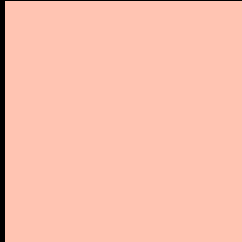
Large Text (above 18pt) WCAG AA × Fail

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 69.0158, 63.9542, 50.8263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

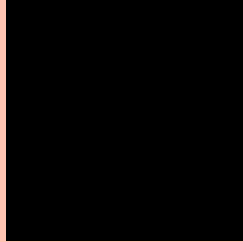
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0158, 63.9542, 50.8263

Background



This preview shows how black text looks on a background with the XYZ color 69.0158, 63.9542, 50.8263.



This preview shows how white text looks on a background with the XYZ color 69.0158, 63.9542,

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

69.0158, 63.9542, 50.8263

Protanopia

60.7708, 64.1638, 55.0808

Deuteranopia

65.3320, 64.1162, 50.5273



Tritanopia

71.5724, 63.9049, 67.5941

Trichromacy



Original Color

69.0158, 63.9542, 50.8263

Protanomaly

63.3151, 63.7189, 53.2179

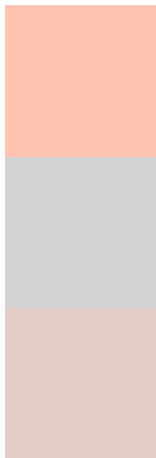
Deuteranomaly

66.5961, 64.0757, 50.4528

Tritanomaly

70.4956, 63.8291, 60.8293

Monochromacy



Original Color

69.0158, 63.9542, 50.8263

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.4915, 64.8067, 63.7535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0158, 63.9542, 50.8263 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, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 178)  
}
```

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, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 178) }
```

Border

The CSS property to change the border of an element to XYZ 69.0158, 63.9542, 50.8263 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, 196, 178) }
```


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

```
.border{ border-color:rgb(255, 196, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0158, 63.9542, 50.8263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 178) }
```

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

```
.background{ background-color: rgb(255,  
196, 178) }
```

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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