

Converting Colors

XYZ(69.0607, 63.5484, 52.3691)

Have a look what the booklet for
XYZ(69.0607, 63.5484, 52.3691)
contains.

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Color

**XYZ(69.0956, 63.6264,
52.3555)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC3B5
RGB	255, 195, 181
RGB Percent	100%, 76%, 71%
CMY	0.0000, 0.2353, 0.2902
CMYK	0.00, 0.24, 0.29, 0.00
HSL	11°, 100%, 85%
HSV	11°, 29%, 100%
XYZ	69.0956, 63.6264, 52.3555
YIQ	211.3440, 40.2540, 8.3660

Conversions

Conversions Part 2

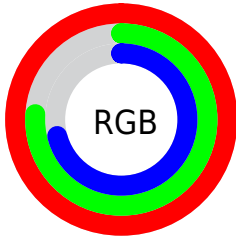
Format	Color
R _Y B	255, 198, 181
Decimal	16761781
CIE Lab	83.77, 19.53, 15.33
CIE LCh	84, 24.832, 38.130
Yxy	63.6264, 0.3733, 0.3438
Android (android.graphics.Color)	4294951861 (0xFFFFC3B5)
YUV	211.3440, -14.9596, 38.2863
Hunter-Lab	79.7662, 15.0307, 16.9206

Details

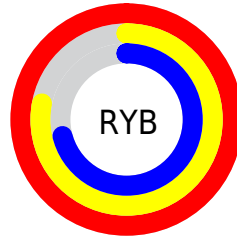
The XYZ color **69.0956, 63.6264, 52.3555** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5603, 79.9517, 106.4265**, and the grayscale version is **62.2229, 65.4633, 71.2896**.

A 20% lighter version of the original color is **91.3365, 96.9952, 94.0288**, and **36.4471, 32.4786, 24.7701** is the 20% darker color. If you saturate the color by 10%, you get **62.3990, 54.0442, 38.3744**, and if you desaturate by 10%, it is **76.9157, 74.6887, 69.0750**.

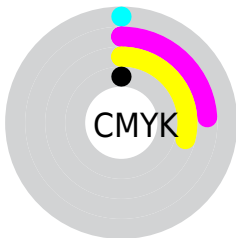
Distribution



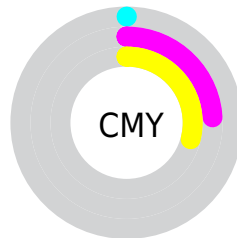
- Red (100%)
- Green (76%)
- Blue (71%)



- Red (100%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (24%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.0956, 63.6264, 52.3555 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 69.0956, 63.6264, 52.3555 by changing the saturation by 10% instead.


 69.0956, 63.6264,
52.3555

 69.0956, 63.6264,
52.3555


446.6842,
437.8393, 412.8034

 51.0665, 46.3481,
36.9043


 116.9514,
110.0727, 95.0872

 36.4828, 32.5206,
24.8382

147.5089,
140.0096, 123.2049

 24.9791, 21.7595,
15.7386

182.9731,
174.9347, 156.3817

 16.1902, 13.6803,
9.1870

223.7096,
215.2326, 195.0364

 9.7505, 7.8986,
4.7649

270.0835,
261.2876, 239.5873

 5.2948, 4.0302,
2.0537

322.4604,

 2.4578, 1.6904,

313.4841, 290.4531

0.5880

381.2055,
372.2066, 348.0523

■ 0.8740, 0.4175,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.0956, 63.6264,
52.3555

■ 69.0956, 63.6264,
52.3555

■ 62.3990, 54.0442,
38.3744

■ 76.9157, 74.6887,
69.0750

■ 56.7687, 45.8704,
26.9815

■ 85.9033, 87.2814,
88.6645

■ 52.1497, 39.0405,
18.0177

95.0500, 100.0000,
108.9000

■ 48.4798, 33.4815,
11.3049

■ 45.6900, 29.1132,
6.6403

■ 43.7005, 25.8456,
3.7841

■ 42.4067, 23.5715,
2.3865

■ 42.3076, 23.3953,
2.2859

Harmonies

Analogous

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



71.4499, 63.6264, 65.1216



69.0956, 63.6264, 52.3555



64.4619, 63.6264, 44.9985

Triad

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



69.0956, 63.6264, 52.3555



51.2646, 63.6264, 58.6923



61.9686, 63.6264, 103.4262

Complementary

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



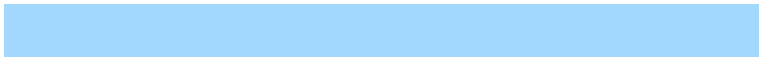
69.0956, 63.6264, 52.3555



68.5603, 79.9517, 106.4265

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.



56.6559, 63.6264, 101.0184



69.0956, 63.6264, 52.3555



50.6857, 63.6264, 73.6083

Square

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



69.0956, 63.6264, 52.3555



54.2345, 63.6264, 48.2563



52.6030, 63.6264, 89.5035



67.1767, 63.6264, 95.6603

Rectangle

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



69.0956, 63.6264, 52.3555



60.8175, 63.6264, 43.4101



52.6030, 63.6264, 89.5035



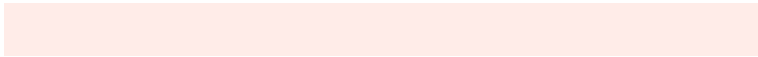
60.1337, 63.6264, 103.7996

Sweetspot

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



69.0972, 63.6293, 52.3568



85.9215, 87.3068, 88.7045



73.7062, 60.6852, 91.3878



18.0948, 18.2741, 18.3369



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.



69.0972, 63.6293, 52.3568



64.9596, 57.7232, 43.6742



78.3156, 82.0661, 55.4296



18.2875, 18.5432, 18.7597



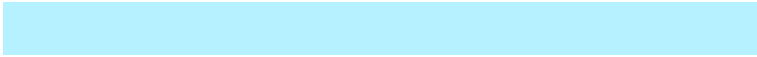
22.1856, 12.3824, 1.2207



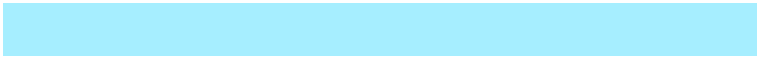
2.2304, 1.3462, 0.1423

Inverse Universe

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



68.5603, 79.9517, 106.4265



64.3297, 76.5124, 105.9856



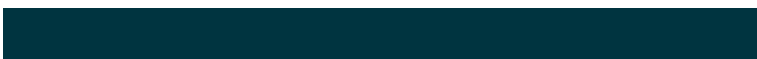
58.8027, 60.4365, 103.1739



18.2455, 19.8625, 23.1222



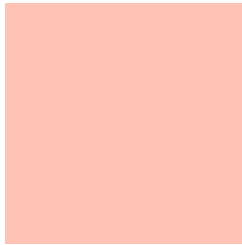
21.1619, 27.2334, 53.5758



2.1323, 2.7953, 5.2404

Previews

White Background



This preview shows how the XYZ color 69.0956, 63.6264, 52.3555 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 69.0956, 63.6264, 52.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

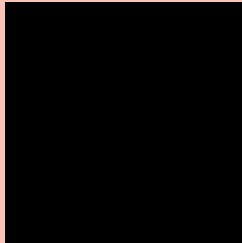
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.0956, 63.6264, 52.3555

Background



This preview shows how black text looks on a background with the XYZ color 69.0956, 63.6264, 52.3555.



This preview shows how white text looks on a background with the XYZ color 69.0956, 63.6264,

52.3555.

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

69.0956, 63.6264, 52.3555

Protanopia

60.5464, 63.6480, 56.6711

Deuteranopia

65.0600, 63.5938, 52.0258



Tritanopia

71.2302, 63.4155, 66.8787

Trichromacy



Original Color

69.0956, 63.6264, 52.3555

Protanomaly

63.0679, 63.2036, 54.7744

Deuteranomaly

66.3178, 63.5546, 51.9520

Tritanomaly

70.3880, 63.4311, 61.3569

Monochromacy



Original Color

69.0956, 63.6264, 52.3555

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

63.9352, 64.1637, 63.6587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0956, 63.6264, 52.3555 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, 195, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 181)  
}
```

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, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 181) }
```

Border

The CSS property to change the border of an element to XYZ 69.0956, 63.6264, 52.3555 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, 195, 181) }
```


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

```
.border{ border-color:rgb(255, 195, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0956, 63.6264, 52.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 181) }
```

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

```
.background{ background-color: rgb(255,  
195, 181) }
```

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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