

Converting Colors

XYZ(69.5651, 63.2658, 56.5186)

Have a look what the booklet for
XYZ(69.5651, 63.2658, 56.5186)
contains.

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Color

**XYZ(69.4953, 63.0741,
56.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1BD
RGB	255, 193, 189
RGB Percent	100%, 76%, 74%
CMY	0.0000, 0.2431, 0.2588
CMYK	0.00, 0.24, 0.26, 0.00
HSL	4°, 100%, 87%
HSV	4°, 26%, 100%
XYZ	69.4953, 63.0741, 56.6558
YIQ	211.0820, 38.2360, 11.9000

Conversions

Conversions Part 2

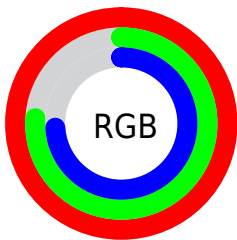
Format	Color
R _Y B	255, 193, 189
Decimal	16761277
CIE Lab	83.48, 21.65, 10.66
CIE LCh	83, 24.127, 26.209
Yxy	63.0741, 0.3673, 0.3333
Android (android.graphics.Color)	4294951357 (0xFFFFC1BD)
YUV	211.0820, -10.8864, 38.5161
Hunter-Lab	79.4192, 17.2118, 13.2973

Details

The XYZ color **69.4953, 63.0741, 56.6558** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5322, 87.0302, 107.5307**, and the grayscale version is **62.0244, 65.2545, 71.0622**.

A 20% lighter version of the original color is **91.9070, 96.2238, 100.1152**, and **36.7025, 32.1131, 27.5566** is the 20% darker color. If you saturate the color by 10%, you get **62.0939, 52.3183, 41.7121**, and if you desaturate by 10%, it is **78.2440, 75.7453, 74.4509**.

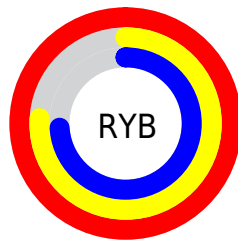
Distribution



Red (100%)

Green (76%)

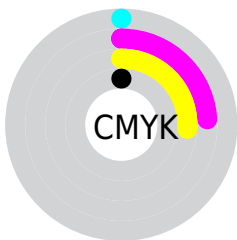
Blue (74%)



Red (100%)

Yellow (76%)

Blue (74%)

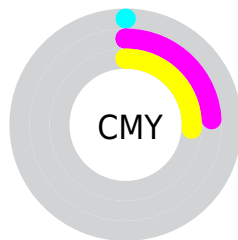


Cyan (0%)

Magenta (24%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4953, 63.0741, 56.6558 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 69.4953, 63.0741, 56.6558 by changing the saturation by 10% instead.


 69.4953, 63.0741,
56.6558

 69.4953, 63.0741,
56.6558


448.0700,
435.8384, 429.6158

 51.3933, 45.9012,
40.3214


 117.5189,
109.2764, 101.4581

 36.7440, 32.1678,
27.4736


148.1713,
139.0746, 130.7632

 25.1821, 21.4897,
17.6936


183.7378,
173.8499, 165.2289

 16.3422, 13.4824,
10.5631

224.5838,
213.9868, 205.2737

 9.8590, 7.7616,
5.6634

271.0747,
259.8698, 251.3163

 5.3671, 3.9428,
2.5761

323.5757,

 2.5012, 1.6416,

311.8831, 303.7752

0.8801

382.4524,
370.4111, 363.0688

■ 0.8959, 0.3854,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.4953, 63.0741,
56.6558

■ 69.4953, 63.0741,
56.6558

■ 62.0939, 52.3183,
41.7121

■ 78.2440, 75.7453,
74.4509

■ 55.9684, 43.3768,
29.4680

■ 88.3975, 90.4096,
95.2309

■ 51.0481, 36.1520,
19.7635

95.0500, 100.0000,
108.9000

■ 47.2532, 30.5338,
12.4202

■ 44.4945, 26.3995,
7.2365

■ 42.6690, 23.6084,
3.9772

■ 41.6525, 21.9928,
2.3514

■ 41.4176, 21.6152,
1.9892

Harmonies

Analogous

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



70.6251, 63.0741, 70.6109



69.4953, 63.0741, 56.6558



65.7561, 63.0741, 47.2969

Triad

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



69.4953, 63.0741, 56.6558



51.9270, 63.0741, 53.7865



59.2835, 63.0741, 101.8444

Complementary

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



69.4953, 63.0741, 56.6558



73.5322, 87.0302, 107.5307

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.



54.4962, 63.0741, 95.6886



69.4953, 63.0741, 56.6558



50.4088, 63.0741, 66.7787

Square

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



69.4953, 63.0741, 56.6558



55.5908, 63.0741, 45.8184



51.3215, 63.0741, 82.2886



64.5314, 63.0741, 98.0988

Rectangle

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



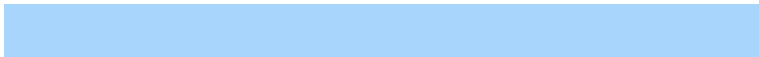
69.4953, 63.0741, 56.6558



62.3948, 63.0741, 44.2006



51.3215, 63.0741, 82.2886



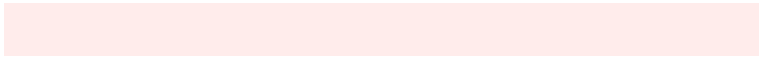
57.5700, 63.0741, 100.8437

Sweetspot

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



69.4968, 63.0770, 56.6571



86.1265, 87.1327, 90.5735



76.9611, 64.6651, 100.2718



18.0978, 18.1638, 18.6964



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.



69.4968, 63.0770, 56.6571



65.5440, 57.3376, 48.6611



77.4320, 78.9473, 59.3021



18.0978, 18.1638, 18.6964



21.6755, 11.3623, 1.0507



2.1401, 1.1656, 0.1122

Inverse Universe

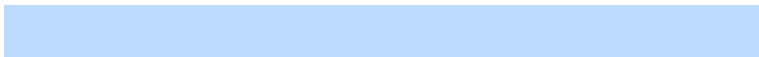
The Inverse Universe completely reimagines the original color for something new.



73.5322, 87.0302, 107.5307



70.1919, 84.9417, 107.3036



64.2901, 68.5460, 104.4500



18.4549, 20.2814, 23.1920



25.6810, 36.2716, 55.0822



2.5280, 3.5866, 5.3723

Previews

White Background



This preview shows how the XYZ color 69.4953, 63.0741, 56.6558 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 69.4953, 63.0741, 56.6558 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 69.4953, 63.0741, 56.6558

Background



This preview shows how black text looks on a background with the XYZ color 69.4953, 63.0741, 56.6558.

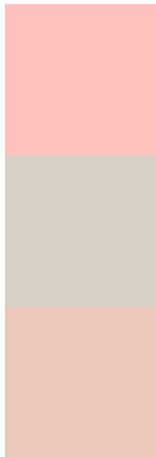


This preview shows how white text looks on a background with the XYZ color 69.4953, 63.0741,

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

69.4953, 63.0741, 56.6558

Protanopia

60.6583, 63.5900, 61.9004

Deuteranopia

64.5558, 63.2370, 56.3805



Tritanopia

70.8902, 62.9294, 66.1679

Trichromacy



Original Color

69.4953, 63.0741, 56.6558

Protanomaly

63.7267, 63.4299, 59.9234

Deuteranomaly

66.2333, 63.0737, 56.2605

Tritanomaly

70.3984, 63.0828, 62.4986

Monochromacy



Original Color

69.4953, 63.0741, 56.6558

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.0509, 63.8284, 65.4442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4953, 63.0741, 56.6558 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, 193, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 189)  
}
```

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, 193, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 189) }
```

Border

The CSS property to change the border of an element to XYZ 69.4953, 63.0741, 56.6558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

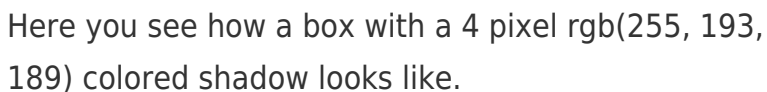
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 193, 189) }
```


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

```
.border{ border-color:rgb(255, 193, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 193, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 193, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 193, 189); box-shadow:4px 4px 4px 4px rgb(255, 193, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4953, 63.0741, 56.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 189) }
```

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

```
.background{ background-color: rgb(255,  
193, 189) }
```

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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