

Converting Colors

XYZ(69.6389, 62.9673, 57.9181)

Have a look what the booklet for
XYZ(69.6389, 62.9673, 57.9181)
contains.

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Color

**XYZ(69.7139, 63.1615,
57.8073)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1BF
RGB	255, 193, 191
RGB Percent	100%, 76%, 75%
CMY	0.0000, 0.2431, 0.2510
CMYK	0.00, 0.24, 0.25, 0.00
HSL	2°, 100%, 87%
HSV	2°, 25%, 100%
XYZ	69.7139, 63.1615, 57.8073
YIQ	211.3100, 37.5940, 12.5220

Conversions

Conversions Part 2

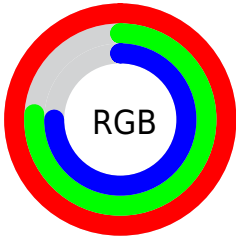
Format	Color
R_{YB}	255, 193, 191
Decimal	16761279
CIE _{Lab}	83.53, 21.92, 9.65
CIE _{LCh}	84, 23.952, 23.766
Yxy	63.1615, 0.3656, 0.3312
Android (android.graphics.Color)	4294951359 (0xFFFFC1BF)
YUV	211.3100, -10.0128, 38.3161
Hunter-Lab	79.4742, 17.4984, 12.5061

Details

The XYZ color **69.7139, 63.1615, 57.8073** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6600, 88.5440, 107.7635**, and the grayscale version is **62.1699, 65.4076, 71.2289**.

A 20% lighter version of the original color is **92.2141, 96.3466, 101.7322**, and **36.8460, 32.1705, 28.3123** is the 20% darker color. If you saturate the color by 10%, you get **62.1363, 52.1130, 42.6209**, and if you desaturate by 10%, it is **78.6952, 76.2351, 75.8733**.

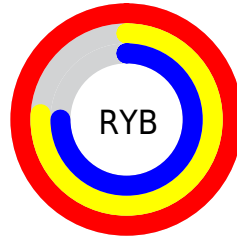
Distribution



Red (100%)

Green (76%)

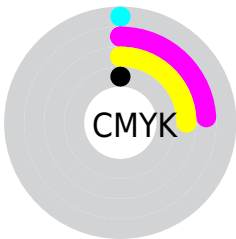
Blue (75%)



Red (100%)

Yellow (76%)

Blue (75%)

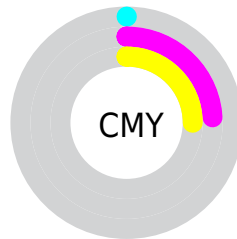


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.7139, 63.1615, 57.8073 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 69.7139, 63.1615, 57.8073 by changing the saturation by 10% instead.


 69.7139, 63.1615,
57.8073

 69.7139, 63.1615,
57.8073


448.8269,
436.1554, 434.0457

 51.5721, 45.9719,
41.2401


 117.8292,
109.4025, 103.1542

 36.8870, 32.2236,
28.1856


148.5333,
139.2226, 132.7709

 25.2933, 21.5324,
18.2254


184.1556,
174.0217, 167.5746

 16.4256, 13.5137,
10.9408

225.0614,
214.1842, 207.9837

 9.9186, 7.7832,
5.9134

271.6161,
260.0943, 254.4169

 5.4068, 3.9566,
2.7245

324.1850,

 2.5251, 1.6493,

312.1367, 307.2926

0.9557

383.1335,
370.6956, 367.0293

■ 0.9079, 0.3905,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.7139, 63.1615,
57.8073

■ 69.7139, 63.1615,
57.8073

■ 62.1363, 52.1130,
42.6209

■ 78.6952, 76.2351,
75.8733

■ 55.8871, 42.9803,
30.1619

■ 89.1411, 91.4187,
96.9529

■ 50.8912, 35.6569,
20.2699

95.0500, 100.0000,
108.9000

■ 47.0639, 30.0226,
12.7659

■ 44.3103, 25.9426,
7.4484

■ 42.5206, 23.2614,
4.0827

■ 41.5614, 21.7916,
2.3798

■ 41.3267, 21.4334,
1.9589

Harmonies

Analogous

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



70.5939, 63.1615, 71.9469



69.7139, 63.1615, 57.8073



66.1749, 63.1615, 48.0609

Triad

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



69.7139, 63.1615, 57.8073



52.2822, 63.1615, 53.1161



58.9478, 63.1615, 101.5552

Complementary

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



69.7139, 63.1615, 57.8073



74.6600, 88.5440, 107.7635

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.



54.2836, 63.1615, 94.7137



69.7139, 63.1615, 57.8073



50.5818, 63.1615, 65.6922

Square

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



69.7139, 63.1615, 57.8073



56.0713, 63.1615, 45.6401



51.2928, 63.1615, 81.0426



64.1772, 63.1615, 98.6376

Rectangle

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



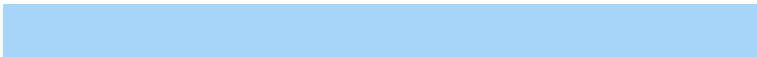
69.7139, 63.1615, 57.8073



62.8883, 63.1615, 44.6627



51.2928, 63.1615, 81.0426



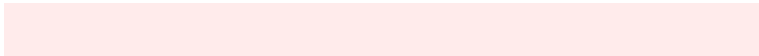
57.2657, 63.1615, 100.2923

Sweetspot

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



69.7155, 63.1644, 57.8086



85.9545, 86.7887, 90.5162



77.7498, 65.6737, 102.2884



18.0550, 18.0781, 18.6822



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.



69.7155, 63.1644, 57.8086



65.8290, 57.5002, 50.0122



77.3179, 78.3692, 60.3427



18.0550, 18.0781, 18.6822



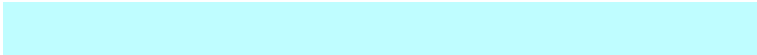
21.6138, 11.2389, 1.0301



2.1198, 1.1250, 0.1054

Inverse Universe

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



74.6600, 88.5440, 107.7635



71.5253, 86.7447, 107.5814



65.6400, 70.5041, 104.7568



18.5032, 20.3780, 23.2081



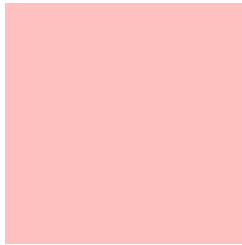
26.8347, 38.5789, 55.4667



2.6275, 3.7858, 5.4055

Previews

White Background



This preview shows how the XYZ color 69.7139, 63.1615, 57.8073 looks on a white background.

Color Contrast Check

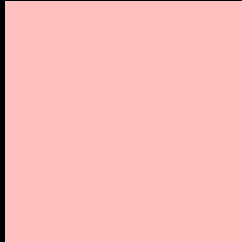
Large Text (above 18pt) WCAG AA × Fail

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 69.7139, 63.1615, 57.8073 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 69.7139, 63.1615, 57.8073

Background



This preview shows how black text looks on a background with the XYZ color 69.7139, 63.1615, 57.8073.

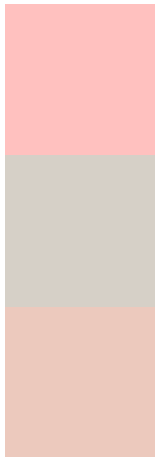


This preview shows how white text looks on a background with the XYZ color 69.7139, 63.1615,

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

69.7139, 63.1615, 57.8073

Protanopia

60.5962, 63.5314, 63.1019

Deuteranopia

64.6640, 63.2803, 56.9503



Tritanopia

71.0114, 62.9778, 66.8058

Trichromacy



Original Color

69.7139, 63.1615, 57.8073

Protanomaly

63.6328, 63.3554, 61.0996

Deuteranomaly

66.4505, 63.1606, 57.4041

Tritanomaly

70.6323, 63.1763, 63.7299

Monochromacy



Original Color

69.7139, 63.1615, 57.8073

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

64.1705, 63.8763, 66.0739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7139, 63.1615, 57.8073 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 191) }
```

Border

The CSS property to change the border of an element to XYZ 69.7139, 63.1615, 57.8073 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, 191) }
```


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

```
.border{ border-color:rgb(255, 193, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7139, 63.1615, 57.8073 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
193, 191) }
```

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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