

Converting Colors

XYZ(69.7142, 63.9422, 59.9346)

Have a look what the booklet for
XYZ(69.7142, 63.9422, 59.9346)
contains.

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Color

**XYZ(69.3976, 63.6207,
59.6613)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC3C2
RGB	252, 195, 194
RGB Percent	99%, 76%, 76%
CMY	0.0118, 0.2353, 0.2392
CMYK	0.00, 0.23, 0.23, 0.01
HSL	1°, 91%, 87%
HSV	1°, 23%, 99%
XYZ	69.3976, 63.6207, 59.6613
YIQ	211.9290, 34.2930, 11.7730

Conversions

Conversions Part 2

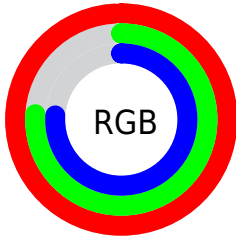
Format	Color
R _Y B	252, 195, 194
Decimal	16565186
CIE Lab	83.77, 20.20, 8.35
CIE LCh	84, 21.860, 22.468
Yxy	63.6207, 0.3602, 0.3302
Android (android.graphics.Color)	4294755266 (0xFFFC3C2)
YUV	211.9290, -8.8390, 35.1423
Hunter-Lab	79.7626, 15.7198, 11.4857

Details

The XYZ color **69.3976, 63.6207, 59.6613** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3151, 87.4895, 105.0663**, and the grayscale version is **62.5745, 65.8333, 71.6924**.

A 20% lighter version of the original color is **93.3057, 97.7829, 104.3987**, and **36.5066, 32.4125, 29.1431** is the 20% darker color. If you saturate the color by 10%, you get **61.7081, 52.3932, 44.2989**, and if you desaturate by 10%, it is **78.4906, 76.8862, 77.8606**.

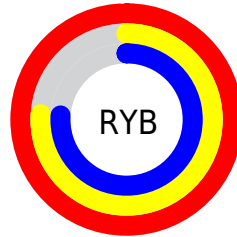
Distribution



Red (99%)

Green (76%)

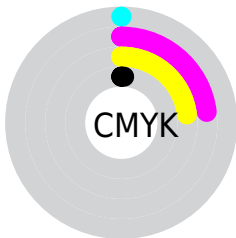
Blue (76%)



Red (99%)

Yellow (76%)

Blue (76%)

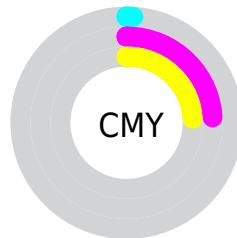


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (1%)



Cyan (1%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.3976, 63.6207, 59.6613 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 69.3976, 63.6207, 59.6613 by changing the saturation by 10% instead.


 69.3976, 63.6207,
59.6613

 69.3976, 63.6207,
59.6613


447.7315,
437.8186, 441.1181

 51.3134, 46.3435,
42.7222


 117.3803,
110.0645, 105.8767

 36.6801, 32.5170,
29.3374


148.0094,
139.9999, 135.9901

 25.1325, 21.7567,
19.0884


183.5509,
174.9236, 171.3321

 16.3050, 13.6782,
11.5567

224.3702,
215.2198, 212.3210

 9.8325, 7.8972,
6.3238

270.8325,
261.2730, 259.3756

 5.3494, 4.0292,
2.9710


323.3033,


 2.4906, 1.6899,


313.4676, 312.9142


1.0798


382.1478,
372.1880, 373.3556


 0.8905, 0.4171,
0.0000

 0.0000, 0.0000,
0.0000


 69.3976, 63.6207,
59.6613


 69.3976, 63.6207,
59.6613


 61.7081, 52.3932,
44.2989


 78.4906, 76.8862,
77.8606

 55.3475, 43.0946,
31.6270

 89.0466, 92.2743,
99.0254

 50.2419, 35.6189,
21.4919

 93.9551, 99.4355,
108.8488

 46.3083, 29.8465,
13.7229

■ 43.4538, 25.6434,
8.1284

■ 41.5712, 22.8559,
4.4870

■ 40.5315, 21.2989,
2.5302

■ 40.1925, 20.7903,
1.8946

Harmonies

Analogous

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



70.0799, 63.6207, 72.7917



69.3976, 63.6207, 59.6613



66.2630, 63.6207, 50.3685

Triad

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



69.3976, 63.6207, 59.6613



53.4476, 63.6207, 54.3968



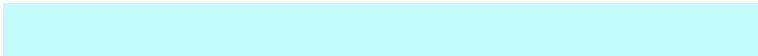
59.2689, 63.6207, 98.8910

Complementary

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



69.3976, 63.6207, 59.6613



74.3151, 87.4895, 105.0663

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.



55.0240, 63.6207, 92.3970



69.3976, 63.6207, 59.6613



51.7806, 63.6207, 65.8679

Square

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



69.3976, 63.6207, 59.6613



57.0134, 63.6207, 47.6210



52.3421, 63.6207, 79.8633



64.0627, 63.6207, 96.6552

Rectangle

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



69.3976, 63.6207, 59.6613



63.2901, 63.6207, 47.0176



52.3421, 63.6207, 79.8633



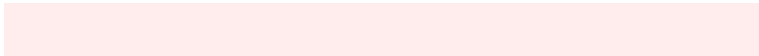
57.7341, 63.6207, 97.6300

Sweetspot

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



69.3993, 63.6236, 59.6626



86.9653, 88.2178, 92.6799



76.8551, 66.2469, 100.0310



18.4726, 18.6759, 19.5534



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.



69.3993, 63.6236, 59.6626



67.1647, 59.3337, 53.0405



76.5298, 77.8846, 62.0394



17.2687, 17.2733, 17.8863



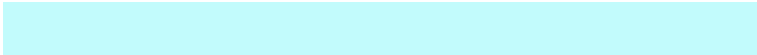
20.9474, 10.8515, 0.9905



1.9483, 1.0215, 0.0945

Inverse Universe

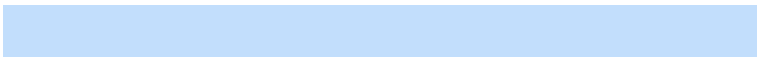
The Inverse Universe completely reimagines the original color for something new.



74.3151, 87.4895, 105.0663



73.0881, 88.0943, 107.7595



65.9497, 70.7586, 102.2778



17.7385, 19.5539, 22.2247



26.5920, 38.5396, 54.0109



2.4709, 3.5855, 5.0050

Previews

White Background



This preview shows how the XYZ color 69.3976, 63.6207, 59.6613 looks on a white background.

Color Contrast Check

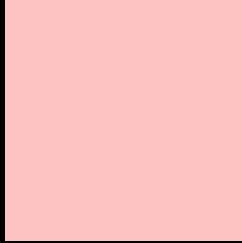
Large Text (above 18pt) WCAG AA × Fail

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 69.3976, 63.6207, 59.6613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

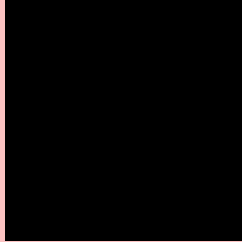
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3976, 63.6207, 59.6613

Background



This preview shows how black text looks on a background with the XYZ color 69.3976, 63.6207, 59.6613.



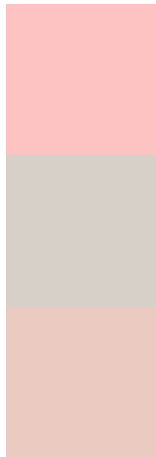
This preview shows how white text looks on a background with the XYZ color 69.3976, 63.6207,

59.6613.

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

69.3976, 63.6207, 59.6613

Protanopia

61.1228, 63.7759, 64.3468

Deuteranopia

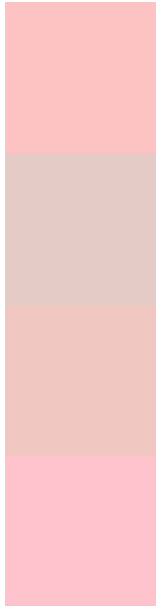
65.0071, 63.7535, 59.3315



Tritanopia

71.3282, 63.7648, 68.2229

Trichromacy



Original Color

69.3976, 63.6207, 59.6613

Protanomaly

63.5439, 63.2831, 62.2918

Deuteranomaly

66.3247, 63.3979, 59.1934

Tritanomaly

70.5793, 63.7780, 65.0904

Monochromacy



Original Color

69.3976, 63.6207, 59.6613

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.7693, 64.8813, 66.8672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3976, 63.6207, 59.6613 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(252, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(252, 195, 194)  
}
```

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(252, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 195, 194) }
```

Border

The CSS property to change the border of an element to XYZ 69.3976, 63.6207, 59.6613 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(252, 195, 194) }
```


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

```
.border{ border-color:rgb(252, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(252, 195,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3976, 63.6207, 59.6613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 195, 194) }
```

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

```
.background{ background-color: rgb(252,  
195, 194) }
```

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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