

Converting Colors

XYZ(70.9114, 63.9243, 63.2385)

Have a look what the booklet for
XYZ(70.9114, 63.9243, 63.2385)
contains.

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Color

**XYZ(70.9571, 64.0137,
63.2596)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2C8
RGB	255, 194, 200
RGB Percent	100%, 76%, 78%
CMY	0.0000, 0.2392, 0.2157
CMYK	0.00, 0.24, 0.22, 0.00
HSL	354°, 100%, 88%
HSV	354°, 24%, 100%
XYZ	70.9571, 64.0137, 63.2596
YIQ	212.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

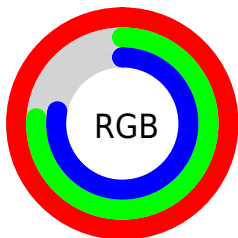
Format	Color
R_{YB}	255, 194, 200
Decimal	16761544
CIE _{Lab}	83.97, 22.66, 5.48
CIE _{LCh}	84, 23.318, 13.596
Yxy	64.0137, 0.3580, 0.3229
Android (android.graphics.Color)	4294951624 (0xFFFFC2C8)
YUV	212.9230, -6.3710, 36.9015
Hunter-Lab	80.0086, 18.2911, 9.1277

Details

The XYZ color **70.9571, 64.0137, 63.2596** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1094, 89.8300, 103.0068**, and the grayscale version is **63.2209, 66.5133, 72.4330**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **37.5923, 32.7018, 31.5249** is the 20% darker color. If you saturate the color by 10%, you get **63.2729, 52.6272, 48.4222**, and if you desaturate by 10%, it is **80.0224, 77.5150, 80.5527**.

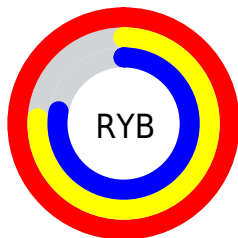
Distribution



Red (100%)

Green (76%)

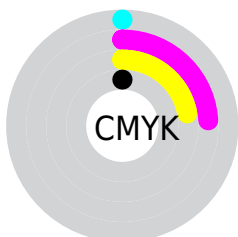
Blue (78%)



Red (100%)

Yellow (76%)

Blue (78%)

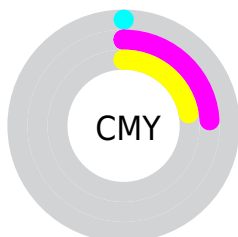


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.9571, 64.0137, 63.2596 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 70.9571, 64.0137, 63.2596 by changing the saturation by 10% instead.


 70.9571, 64.0137,
63.2596

 70.9571, 64.0137,
63.2596

453.1176,
439.2391, 454.6449

 52.5896, 46.6618,
45.6089


 119.5915,
110.6307, 111.1331

 37.7014, 32.7684,
31.5909

150.5891,
140.6645, 142.1931

 25.9272, 21.9490,
20.7870


186.5274,
175.6944, 178.5598

 16.9016, 13.8195,
12.7787

227.7718,
216.1048, 220.6519

 10.2592, 7.9952,
7.1474

274.6877,
262.2801, 268.8880

 5.6347, 4.0919,
3.4746


327.6404,

 2.6628, 1.7251,


314.6046, 323.6864


1.3418


386.9953,
373.4628, 385.4659


 0.9781, 0.4398,
0.0957


 0.0000, 0.0000,
0.0000


 70.9571, 64.0137,
63.2596


 70.9571, 64.0137,
63.2596

 63.2729, 52.6272,
48.4222


 80.0224, 77.5150,
80.5527

 56.8973, 43.2404,
35.9254

 90.5271, 93.2217,
100.4019

 51.7586, 35.7401,
25.6506

95.0500, 100.0000,
108.9000

 47.7759, 29.9987,
17.4671

■ 44.8589, 25.8723,
11.2308

■ 42.9037, 23.1945,
6.7789

■ 41.7850, 21.7629,
3.9218

■ 41.4162, 21.3305,
2.8576

Harmonies

Analogous

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



70.8184, 64.0137, 77.9975



70.9571, 64.0137, 63.2596



68.2802, 64.0137, 51.9571

Triad

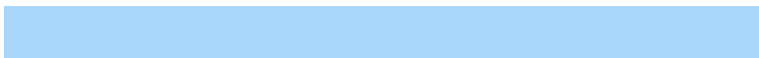
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9571, 64.0137, 63.2596



54.2832, 64.0137, 51.1556



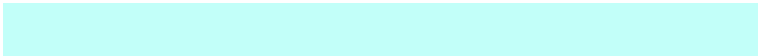
58.0962, 64.0137, 100.5094

Complementary

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



70.9571, 64.0137, 63.2596



75.1094, 89.8300, 103.0068

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.



53.9667, 64.0137, 91.0822



70.9571, 64.0137, 63.2596



51.8515, 64.0137, 62.0130

Square

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



70.9571, 64.0137, 63.2596



58.5506, 64.0137, 45.6625



51.7390, 64.0137, 76.5634



63.1946, 64.0137, 100.9680

Rectangle

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



70.9571, 64.0137, 63.2596



65.3419, 64.0137, 47.3098



51.7390, 64.0137, 76.5634



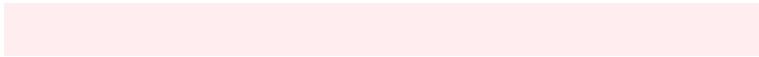
56.5557, 64.0137, 98.2301

Sweetspot

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



70.9587, 64.0165, 63.2609



87.1335, 88.1416, 94.0080



76.3747, 65.9278, 103.3077



18.5114, 18.6583, 19.8597



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.



70.9587, 64.0165, 63.2609



66.8855, 57.9727, 55.4218



76.1545, 75.5078, 61.6033



18.0819, 18.0161, 19.0484



21.6646, 11.1551, 1.6184



2.1325, 1.0954, 0.2790

Inverse Universe

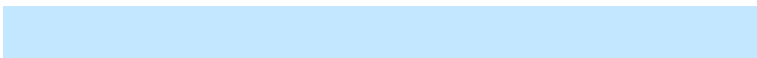
The Inverse Universe completely reimagines the original color for something new.



70.9587, 64.0165, 63.2609



66.8855, 57.9727, 55.4218



68.7645, 75.6197, 105.5795



18.0819, 18.0161, 19.0484



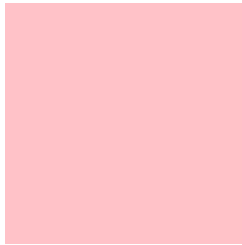
21.6646, 11.1551, 1.6184



2.1325, 1.0954, 0.2790

Previews

White Background



This preview shows how the XYZ color 70.9571, 64.0137, 63.2596 looks on a white background.

Color Contrast Check

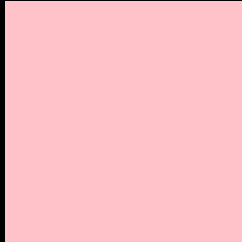
Large Text (above 18pt) WCAG AA × Fail

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 70.9571, 64.0137, 63.2596 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 70.9571, 64.0137, 63.2596

Background



This preview shows how black text looks on a background with the XYZ color 70.9571, 64.0137, 63.2596.



This preview shows how white text looks on a background with the XYZ color 70.9571, 64.0137,

63.2596.

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

70.9571, 64.0137, 63.2596

Protanopia

61.9172, 64.4511, 68.8514

Deuteranopia

65.4807, 64.2815, 62.3825



Tritanopia

71.6951, 63.9540, 68.2401

Trichromacy



Original Color

70.9571, 64.0137, 63.2596

Protanomaly

64.9254, 64.2515, 66.7375

Deuteranomaly

67.5810, 64.3093, 62.8839

Tritanomaly

71.3294, 63.8077, 66.3143

Monochromacy



Original Color

70.9571, 64.0137, 63.2596

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.4514, 65.1907, 68.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.9571, 64.0137, 63.2596 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, 194, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 200)  
}
```

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, 194, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 200) }
```

Border

The CSS property to change the border of an element to XYZ 70.9571, 64.0137, 63.2596 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, 194, 200) }
```


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

```
.border{ border-color:rgb(255, 194, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 70.9571, 64.0137, 63.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 200) }
```

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

```
.background{ background-color: rgb(255,  
194, 200) }
```

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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