

Converting Colors

XYZ(88.4673, 72.8392, 62.6805)

Have a look what the booklet for
XYZ(88.4673, 72.8392, 62.6805)
contains.

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Color

**XYZ(70.5030, 63.4771,
61.9625)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1C6
RGB	255, 193, 198
RGB Percent	100%, 76%, 78%
CMY	0.0000, 0.2431, 0.2235
CMYK	0.00, 0.24, 0.22, 0.00
HSL	355°, 100%, 88%
HSV	355°, 24%, 100%
XYZ	70.5030, 63.4771, 61.9625
YIQ	212.1080, 35.3470, 14.6990

Conversions

Conversions Part 2

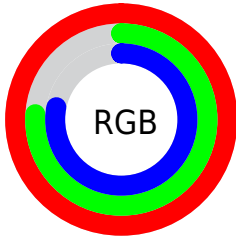
Format	Color
R_{YB}	255, 193, 198
Decimal	16761286
CIE _{Lab}	83.69, 22.90, 6.15
CIE _{LCh}	84, 23.713, 15.024
Yxy	63.4771, 0.3598, 0.3240
Android (android.graphics.Color)	4294951366 (0xFFFFC1C6)
YUV	212.1080, -6.9552, 37.6163
Hunter-Lab	79.6725, 18.5295, 9.6600

Details

The XYZ color **70.5030, 63.4771, 61.9625** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0099, 89.7607, 103.8185**, and the grayscale version is **62.6808, 65.9450, 71.8141**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **37.2926, 32.3492, 30.6640** is the 20% darker color. If you saturate the color by 10%, you get **62.8460, 52.1610, 47.0850**, and if you desaturate by 10%, it is **79.5536, 76.9100, 79.3713**.

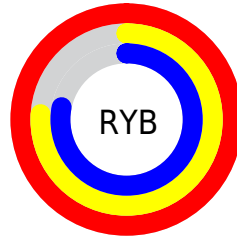
Distribution



Red (100%)

Green (76%)

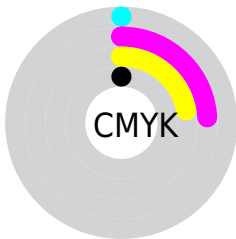
Blue (78%)



Red (100%)

Yellow (76%)

Blue (78%)

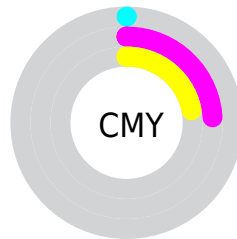


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5030, 63.4771, 61.9625 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 70.5030, 63.4771, 61.9625 by changing the saturation by 10% instead.

 70.5030, 63.4771,
61.9625

 70.5030, 63.4771,
61.9625


451.5531,
437.2989, 449.7982

 52.2178, 46.2273,
44.5668

 118.9482,
109.8575, 109.2424

 37.4037, 32.4252,
30.7759

149.8388,
139.7569, 139.9637

 25.6953, 21.6865,
20.1712


185.6620,
174.6417, 175.9639

 16.7273, 13.6267,
12.3343

226.7830,
214.8961, 217.6616

 10.1344, 7.8615,
6.8465

273.5673,
260.9047, 265.4754

 5.5511, 4.0065,
3.2893

326.3802,

 2.6121, 1.6772,

313.0517, 319.8237

1.2442

385.5870,
371.7217, 381.1251

■ 0.9521, 0.4088,
0.0154

■ 0.0000, 0.0000,
0.0000

■ 70.5030, 63.4771,
61.9625

■ 70.5030, 63.4771,
61.9625

■ 62.8460, 52.1610,
47.0850

■ 79.5536, 76.9100,
79.3713

■ 56.5088, 42.8458,
34.6171

■ 90.0575, 92.5510,
99.4174

■ 51.4182, 35.4175,
24.4331

95.0500, 100.0000,
108.9000

■ 47.4915, 29.7472,
16.3941

■ 44.6363, 25.6897,
10.3464

■ 42.7458, 23.0767,
6.1155

■ 41.6910, 21.7027,
3.4963

■ 41.3712, 21.3125,
2.6209

Harmonies

Analogous

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



70.5054, 63.4771, 76.7742



70.5030, 63.4771, 61.9625



67.6717, 63.4771, 50.7909

Triad

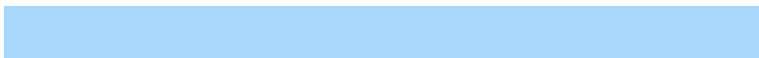
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5030, 63.4771, 61.9625



53.5397, 63.4771, 50.8049



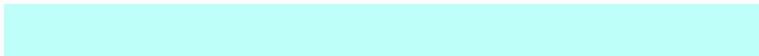
57.7887, 63.4771, 100.5957

Complementary

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



70.5030, 63.4771, 61.9625



75.0099, 89.7607, 103.8185

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.



53.5452, 63.4771, 91.3903



70.5030, 63.4771, 61.9625



51.1895, 63.4771, 61.9843

Square

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



70.5030, 63.4771, 61.9625



57.7807, 63.4771, 45.0061



51.1914, 63.4771, 76.7994



62.9595, 63.4771, 100.5877

Rectangle

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



70.5030, 63.4771, 61.9625



64.6494, 63.4771, 46.2931



51.1914, 63.4771, 76.7994



56.2133, 63.4771, 98.4239

Sweetspot

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



70.5045, 63.4799, 61.9638



87.0869, 88.1230, 93.7623



76.4861, 65.6560, 103.2493



18.5006, 18.6540, 19.8030



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

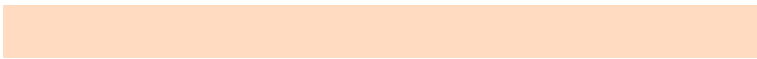
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5045, 63.4799, 61.9638



66.7446, 57.9163, 54.6797



76.1553, 75.6885, 61.0512



18.0688, 18.0108, 18.9793



21.6380, 11.1445, 1.4781



2.1263, 1.0929, 0.2464

Inverse Universe

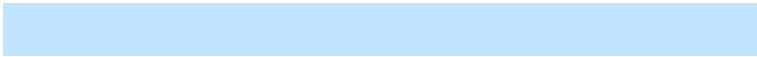
The Inverse Universe completely reimagines the original color for something new.



70.5045, 63.4799, 61.9638



66.7446, 57.9163, 54.6797



68.1100, 74.6906, 105.4347



18.0688, 18.0108, 18.9793



21.6380, 11.1445, 1.4781



2.1263, 1.0929, 0.2464

Previews

White Background



This preview shows how the XYZ color 70.5030, 63.4771, 61.9625 looks on a white background.

Color Contrast Check

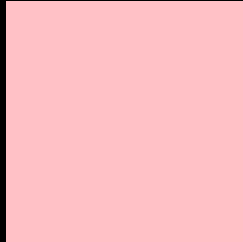
Large Text (above 18pt) WCAG AA × Fail

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 70.5030, 63.4771, 61.9625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

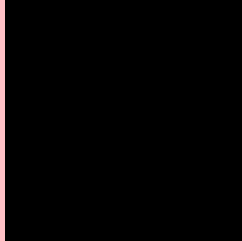
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.5030, 63.4771, 61.9625

Background



This preview shows how black text looks on a background with the XYZ color 70.5030, 63.4771, 61.9625.



This preview shows how white text looks on a background with the XYZ color 70.5030, 63.4771,

61.9625.

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

70.5030, 63.4771, 61.9625

Protanopia

61.1370, 63.7141, 67.4683

Deuteranopia

65.0160, 63.7190, 61.0968



Tritanopia

71.2302, 63.4155, 66.8787

Trichromacy



Original Color

70.5030, 63.4771, 61.9625

Protanomaly

64.1303, 63.5176, 65.3800

Deuteranomaly

67.1194, 63.7553, 61.5918

Tritanomaly

70.8691, 63.2711, 64.9772

Monochromacy



Original Color

70.5030, 63.4771, 61.9625

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

65.0887, 64.6616, 68.0819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5030, 63.4771, 61.9625 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 198) }
```

Border

The CSS property to change the border of an element to XYZ 70.5030, 63.4771, 61.9625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

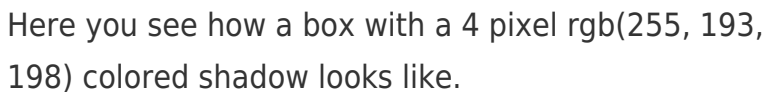
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 193, 198) }
```


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

```
.border{ border-color:rgb(255, 193, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 193, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 193, 198); box-shadow:4px 4px 4px 4px rgb(255, 193, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5030, 63.4771, 61.9625 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, 198) }
```

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

```
.background{ background-color: rgb(255,  
193, 198) }
```

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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