

Converting Colors

XYZ(78.9729, 69.0522, 63.2037)

Have a look what the booklet for
XYZ(78.9729, 69.0522, 63.2037)
contains.

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Color

**XYZ(71.5151, 65.3160,
62.8708)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC5C7
RGB	255, 197, 199
RGB Percent	100%, 77%, 78%
CMY	0.0000, 0.2274, 0.2196
CMYK	0.00, 0.23, 0.22, 0.00
HSL	358°, 100%, 89%
HSV	358°, 23%, 100%
XYZ	71.5151, 65.3160, 62.8708
YIQ	214.5700, 33.9260, 12.9180

Conversions

Conversions Part 2

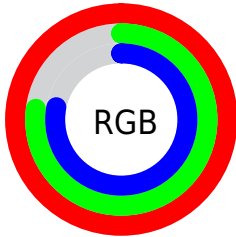
Format	Color
R _Y B	255, 197, 199
Decimal	16762311
CIE Lab	84.65, 20.95, 6.99
CIE LCh	85, 22.082, 18.441
Yxy	65.3160, 0.3581, 0.3271
Android (android.graphics.Color)	4294952391 (0xFFFFC5C7)
YUV	214.5700, -7.6760, 35.4571
Hunter-Lab	80.8183, 16.5203, 10.4495

Details

The XYZ color **71.5151, 65.3160, 62.8708** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5179, 90.4833, 106.3646**, and the grayscale version is **64.3361, 67.6866, 73.7107**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.9593, 33.5596, 31.2650** is the 20% darker color. If you saturate the color by 10%, you get **63.5757, 53.6482, 47.2426**, and if you desaturate by 10%, it is **80.8995, 79.1332, 81.2644**.

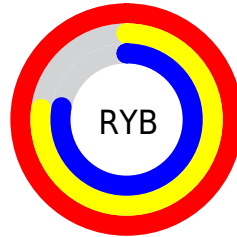
Distribution



Red (100%)

Green (77%)

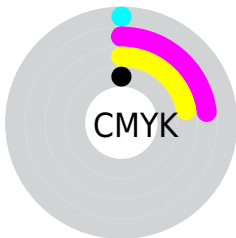
Blue (78%)



Red (100%)

Yellow (77%)

Blue (78%)

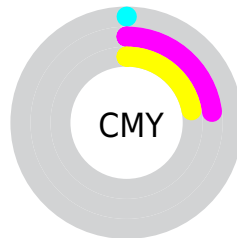


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (23%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5151, 65.3160, 62.8708 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 71.5151, 65.3160, 62.8708 by changing the saturation by 10% instead.


 71.5151, 65.3160,
62.8708

 71.5151, 65.3160,
62.8708

455.0359,
443.9267, 453.1955

 53.0467, 47.7174,
45.2964


120.3814,
112.5040, 110.5669

 38.0677, 33.6031,
31.3463


151.5101,
142.8622, 141.5256

 26.2127, 22.5889,
20.6020


187.5895,
178.2424, 177.7828

 17.1163, 14.2902,
12.6450

228.9851,
219.0289, 219.7571

 10.4133, 8.3228,
7.0567

276.0621,
265.6062, 267.8669

 5.7382, 4.3022,
3.4186

329.1861,

 2.7257, 1.8440,

318.3587, 322.5309

1.3121

388.7222,
377.6707, 384.1676

■ 1.0104, 0.5144,
0.0717

■ 0.0000, 0.0000,
0.0000

■ 71.5151, 65.3160,
62.8708

■ 71.5151, 65.3160,
62.8708

■ 63.5757, 53.6482,
47.2426

■ 80.8995, 79.1332,
81.2644

■ 57.0052, 44.0138,
34.2423

■ 91.7909, 95.1912,
102.5436

■ 51.7277, 36.2991,
23.7268

95.0500, 100.0000,
108.9000

■ 47.6578, 30.3755,
15.5378

■ 44.7000, 26.0990,
9.4987

■ 42.7443, 23.3032,
5.4078

■ 41.6583, 21.7867,
3.0250

■ 41.2881, 21.2792,
2.1831

Harmonies

Analogous

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



71.8393, 65.3160, 76.6978



71.5151, 65.3160, 62.8708



68.5844, 65.3160, 52.6757

Triad

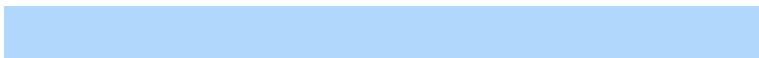
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5151, 65.3160, 62.8708



55.2541, 65.3160, 54.5851



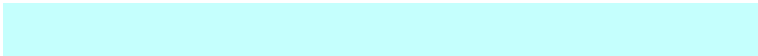
60.2007, 65.3160, 101.1707

Complementary

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



71.5151, 65.3160, 62.8708



76.5179, 90.4833, 106.3646

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.



56.0021, 65.3160, 93.4291



71.5151, 65.3160, 62.8708



53.2488, 65.3160, 65.8156

Square

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



71.5151, 65.3160, 62.8708



59.1301, 65.3160, 48.3468



53.5152, 65.3160, 80.0567



65.1282, 65.3160, 100.1074

Rectangle

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



71.5151, 65.3160, 62.8708



65.6298, 65.3160, 48.7384



53.5152, 65.3160, 80.0567



58.6623, 65.3160, 99.4743

Sweetspot

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



71.5166, 65.3189, 62.8721



86.9656, 88.0745, 93.1238



78.1989, 67.8695, 103.5863



18.4727, 18.6428, 19.6558



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

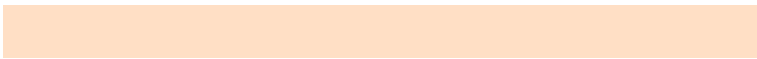
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5166, 65.3189, 62.8721



67.9637, 60.0943, 55.8880



77.7340, 78.1221, 63.8090



18.0347, 17.9972, 18.7999



21.5848, 11.1232, 1.1983



2.1101, 1.0864, 0.1615

Inverse Universe

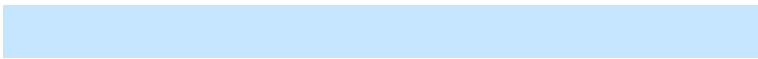
The Inverse Universe completely reimagines the original color for something new.



71.5166, 65.3189, 62.8721



67.9637, 60.0943, 55.8880



69.0700, 75.0760, 105.4585



18.0347, 17.9972, 18.7999



21.5848, 11.1232, 1.1983



2.1101, 1.0864, 0.1615

Previews

White Background



This preview shows how the XYZ color 71.5151, 65.3160, 62.8708 looks on a white background.

Color Contrast Check

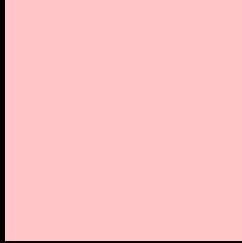
Large Text (above 18pt) WCAG AA × Fail

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 71.5151, 65.3160, 62.8708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

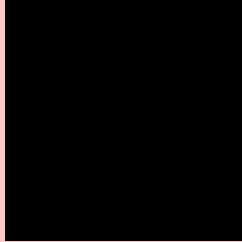
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5151, 65.3160, 62.8708

Background



This preview shows how black text looks on a background with the XYZ color 71.5151, 65.3160, 62.8708.



This preview shows how white text looks on a background with the XYZ color 71.5151, 65.3160,

62.8708.

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

71.5151, 65.3160, 62.8708

Protanopia

62.8757, 65.6925, 68.3975

Deuteranopia

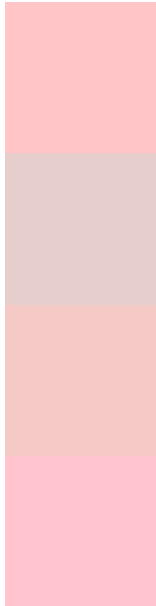
66.7110, 65.2675, 62.5079



Tritanopia

72.6128, 65.3930, 69.7678

Trichromacy



Original Color

71.5151, 65.3160, 62.8708

Protanomaly

65.6035, 65.3252, 66.2781

Deuteranomaly

68.3879, 65.0836, 62.3840

Tritanomaly

72.1205, 65.1961, 67.1755

Monochromacy



Original Color

71.5151, 65.3160, 62.8708

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

66.6976, 66.5382, 69.6494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5151, 65.3160, 62.8708 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, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 199)  
}
```

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, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 199) }
```

Border

The CSS property to change the border of an element to XYZ 71.5151, 65.3160, 62.8708 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, 197, 199) }
```


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

```
.border{ border-color:rgb(255, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5151, 65.3160, 62.8708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 199) }
```

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

```
.background{ background-color: rgb(255,  
197, 199) }
```

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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