

# Converting Colors

XYZ(70.6028, 64.8183, 66.4395)

Have a look what the booklet for  
XYZ(70.6028, 64.8183, 66.4395)  
contains.

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# Color

**XYZ(70.4100, 64.6643,  
66.5281)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAC5CD
RGB	250, 197, 205
RGB Percent	98%, 77%, 80%
CMY	0.0196, 0.2274, 0.1961
CMYK	0.00, 0.21, 0.18, 0.02
HSL	351°, 84%, 88%
HSV	351°, 21%, 98%
XYZ	70.4100, 64.6643, 66.5281
YIQ	213.7590, 29.0200, 13.7240

# Conversions

## Conversions Part 2

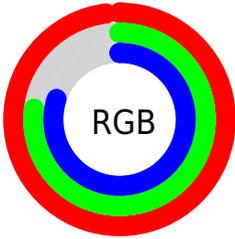
Format	Color
R <sub>Y</sub> B	250, 197, 205
Decimal	16434637
CIE Lab	84.31, 20.04, 3.24
CIE LCh	84, 20.300, 9.176
Yxy	64.6643, 0.3493, 0.3208
Android (android.graphics.Color)	4294624717 (0xFFFA5CD)
YUV	213.7590, -4.3182, 31.7834
Hunter-Lab	80.4141, 15.5686, 7.2382

# Details

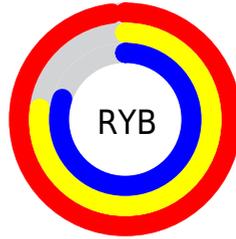
The XYZ color **70.4100, 64.6643, 66.5281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.2411, 86.6538, 96.8742**, and the grayscale version is **63.7705, 67.0915, 73.0627**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.4007, 33.2167, 33.7184** is the 20% darker color. If you saturate the color by 10%, you get **62.8062, 53.2827, 52.1972**, and if you desaturate by 10%, it is **79.3065, 78.0736, 83.0067**.

# Distribution



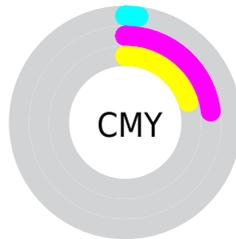
- Red (98%)
- Green (77%)
- Blue (80%)



- Red (98%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 70.4100, 64.6643, 66.5281 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 70.4100, 64.6643, 66.5281 by changing the saturation by 10% instead.



 70.4100, 64.6643,  
66.5281

 70.4100, 64.6643,  
66.5281

451.2323,  
441.5846, 466.7189

 52.1417, 47.1889,  
48.2420

118.8163,  
111.5671, 115.8782

 37.3427, 33.1850,  
33.6573

149.6851,  
141.7633, 147.7793

 25.6479, 22.2682,  
22.3552

185.4846,  
176.9686, 185.0558

 16.6917, 14.0541,  
13.9173

226.5803,  
217.5673, 228.1263

 10.1088, 8.1583,  
7.9251

273.3376,  
263.9438, 277.4093

 5.5340, 4.1964,  
3.9600

326.1218,

 2.6018, 1.7840,

316.4827, 333.3234

1.6034

385.2982,  
375.5681, 396.2871

 0.9469, 0.4772,  
0.2932

 0.0000, 0.0000,  
0.0000

 70.4100, 64.6643,  
66.5281

 70.4100, 64.6643,  
66.5281

 62.8062, 53.2827,  
52.1972

 79.3065, 78.0736,  
83.0067

 56.4293, 43.8215,  
39.9211

 89.5465, 93.5932,  
101.7124

 51.2161, 36.1772,  
29.6065

 93.2345, 99.0641,  
108.8150

 47.0953, 30.2328,  
21.1507

■ 43.9877, 25.8578,  
14.4420

■ 41.8032, 22.9024,  
9.3560

■ 40.4353, 21.1876,  
5.7518

■ 39.7698, 20.4622,  
3.6634

# Harmonies

## Analogous

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



69.9134, 64.6643, 79.5951



70.4100, 64.6643, 66.5281



68.4197, 64.6643, 55.8789

# Triad

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



70.4100, 64.6643, 66.5281



56.1533, 64.6643, 52.8844



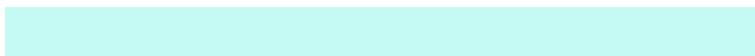
58.4350, 64.6643, 96.2175

# Complementary

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



70.4100, 64.6643, 66.5281



73.2411, 86.6538, 96.8742

# 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.



54.9918, 64.6643, 87.2606



70.4100, 64.6643, 66.5281



53.7198, 64.6643, 61.9573

# Square

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



70.4100, 64.6643, 66.5281



60.0912, 64.6643, 48.6591



53.3052, 64.6643, 74.4368



62.8524, 64.6643, 97.8300



# Rectangle

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



70.4100, 64.6643, 66.5281



66.0049, 64.6643, 51.1913



53.3052, 64.6643, 74.4368



57.1315, 64.6643, 93.9178

# Sweetspot

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



70.4118, 64.6672, 66.5294



88.3401, 89.8150, 96.6910



73.5561, 65.5678, 99.2219



18.7588, 18.9974, 20.4225



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.



70.4118, 64.6672, 66.5294



70.4525, 62.8416, 63.5933



73.7200, 72.7890, 62.9913



17.3513, 17.2679, 18.4398



21.1272, 10.8666, 2.1122



1.9874, 1.0187, 0.3570



# Inverse Universe

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



70.4118, 64.6672, 66.5294



70.4525, 62.8416, 63.5933



69.2342, 76.6757, 101.5938



17.3513, 17.2679, 18.4398



21.1272, 10.8666, 2.1122



1.9874, 1.0187, 0.3570



# Previews

## White Background



This preview shows how the XYZ color 70.4100, 64.6643, 66.5281 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

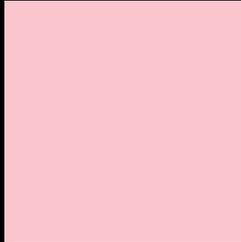
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 70.4100, 64.6643, 66.5281 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

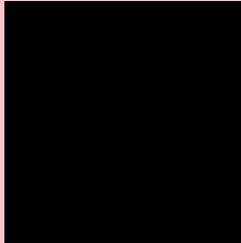
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 70.4100, 64.6643, 66.5281**

## **Background**



This preview shows how black text looks on a background with the XYZ color 70.4100, 64.6643, 66.5281.



This preview shows how white text looks on a background with the XYZ color 70.4100, 64.6643,



# 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

70.4100, 64.6643, 66.5281

### Protanopia

62.6618, 65.1428, 71.5585

### Deuteranopia

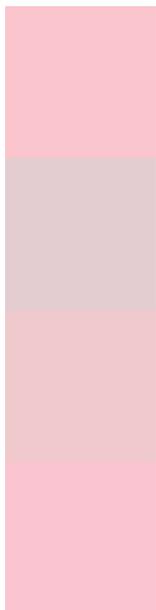
66.0962, 64.8690, 66.1641



## Tritanopia

71.2815, 64.6922, 70.3579

# Trichromacy



## Original Color

70.4100, 64.6643, 66.5281

## Protanomaly

65.0185, 64.5970, 69.3632

## Deuteranomaly

67.3823, 64.4836, 66.0219

## Tritanomaly

71.0322, 64.5925, 69.0454

# Monochromacy



## Original Color

70.4100, 64.6643, 66.5281

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

65.9923, 66.1458, 70.9173

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 70.4100, 64.6643, 66.5281 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(250, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(250, 197, 205)  
}
```

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(250, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 197, 205) }
```

## Border

The CSS property to change the border of an element to XYZ 70.4100, 64.6643, 66.5281 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(250, 197, 205) }
```



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

```
.border{ border-color:rgb(250, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 197,  
205) }
```

# Background

The CSS property to change the background color of an element to XYZ 70.4100, 64.6643, 66.5281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 197, 205) }
```

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

```
.background{ background-color: rgb(250,  
197, 205) }
```

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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