

# Converting Colors

XYZ(71.2384, 67.3024, 60.2749)

Have a look what the booklet for  
XYZ(71.2384, 67.3024, 60.2749)  
contains.

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# Color

**XYZ(71.2384, 67.3024,  
60.2749)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCCBC2
RGB	252, 203, 194
RGB Percent	99%, 80%, 76%
CMY	0.0118, 0.2039, 0.2392
CMYK	0.00, 0.19, 0.23, 0.01
HSL	9°, 91%, 87%
HSV	9°, 23%, 99%
XYZ	71.2384, 67.3024, 60.2749
YIQ	216.6250, 32.0930, 7.5890

# Conversions

## Conversions Part 2

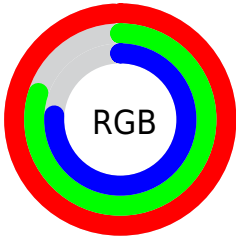
Format	Color
RYB	252, 205, 194
Decimal	16567234
CIELab	85.66, 16.01, 11.05
CIELCh	86, 19.451, 34.622
Yxy	67.3024, 0.3583, 0.3385
Android (android.graphics.Color)	4294757314 (0xFFFCBC2)
YUV	216.6250, -11.1541, 31.0239
Hunter-Lab	82.0380, 11.4354, 13.8651

# Details

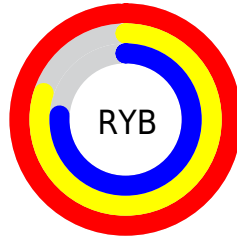
The XYZ color **71.2384, 67.3024, 60.2749** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.8685, 82.5963, 104.2506**, and the grayscale version is **65.7567, 69.1812, 75.3383**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **37.9867, 34.9904, 29.5627** is the 20% darker color. If you saturate the color by 10%, you get **63.9582, 56.8935, 45.0490**, and if you desaturate by 10%, it is **79.6924, 79.2900, 78.2613**.

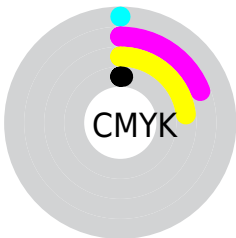
# Distribution



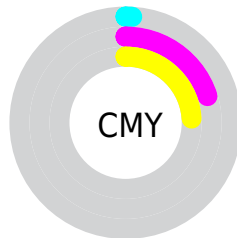
- Red (99%)
- Green (80%)
- Blue (76%)



- Red (99%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (1%)



- Cyan (1%)
- Magenta (20%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2384, 67.3024, 60.2749 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 71.2384, 67.3024, 60.2749 by changing the saturation by 10% instead.



71.2384, 67.3024,  
60.2749

71.2384, 67.3024,  
60.2749

454.0853,  
451.0204, 443.4430

52.8200, 49.3304,  
43.2135

119.9898,  
115.3536, 106.7756

37.8860, 34.8817,  
29.7200

151.0535,  
146.2016, 137.0520

26.0710, 23.5717,  
19.3759

187.0630,  
182.1105, 172.5705

17.0097, 15.0162,  
11.7627

228.3837,  
223.4645, 213.7496

10.3368, 8.8308,  
6.4617

275.3809,  
270.6481, 261.0079

5.6868, 4.6310,  
3.0545

328.4200,

2.6944, 2.0324,

324.0457, 314.7638

1.1225

387.8663,  
384.0417, 375.4360

■ 0.9943, 0.6262,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 71.2384, 67.3024,  
60.2749

■ 71.2384, 67.3024,  
60.2749

■ 63.9582, 56.8935,  
45.0490

■ 79.6924, 79.2900,  
78.2613

■ 57.7944, 47.9884,  
32.4427

■ 89.3638, 92.9087,  
99.1312

■ 52.6924, 40.5200,  
22.3088

■ 93.9550, 99.4355,  
108.8488

■ 48.5913, 34.4125,  
14.4840

■ 45.4234, 29.5828,  
8.7850

■ 43.1126, 25.9389,  
5.0008

■ 41.5698, 23.3757,  
2.8763

■ 40.8747, 22.1548,  
2.1220

# Harmonies

## Analogous

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



72.8413, 67.3024, 71.3324



71.2384, 67.3024, 60.2749



67.6899, 67.3024, 53.3742

# Triad

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



71.2384, 67.3024, 60.2749



56.5767, 67.3024, 63.3140



64.6579, 67.3024, 100.3879

# Complementary

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



71.2384, 67.3024, 60.2749



71.8685, 82.5963, 104.2506

# 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.



60.3869, 67.3024, 97.6079



71.2384, 67.3024, 60.2749



55.8479, 67.3024, 75.2645

# Square

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



71.2384, 67.3024, 60.2749



59.2499, 67.3024, 54.9816



57.2116, 67.3024, 88.0349



68.9321, 67.3024, 95.2471



# Rectangle

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



71.2384, 67.3024, 60.2749



64.7707, 67.3024, 51.5759



57.2116, 67.3024, 88.0349



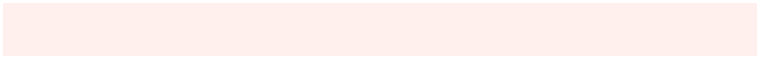
63.1738, 67.3024, 100.3533

# Sweetspot

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



71.2402, 67.3055, 60.2763



87.6849, 89.6571, 92.9198



75.6602, 65.7690, 93.7391



18.6386, 19.0079, 19.6088



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

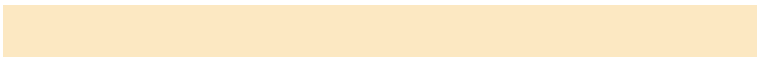
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2402, 67.3055, 60.2763



69.2946, 63.5934, 53.7504



78.6552, 82.1355, 62.7480



17.4621, 17.6602, 17.9508



21.3586, 11.6739, 1.1276

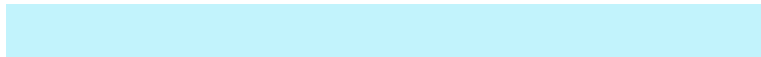


2.0399, 1.2047, 0.1250



# Inverse Universe

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



71.8685, 82.5963, 104.2506



70.0464, 82.0109, 106.7456



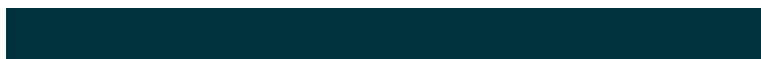
63.9421, 66.7435, 101.6084



17.5228, 19.1225, 22.1527



21.6202, 28.5961, 52.3536



2.0623, 2.7682, 4.8688



# Previews

## White Background



This preview shows how the XYZ color 71.2384, 67.3024, 60.2749 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

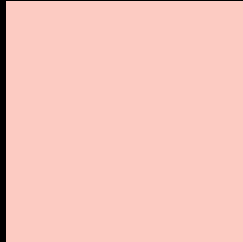
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 71.2384, 67.3024, 60.2749 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

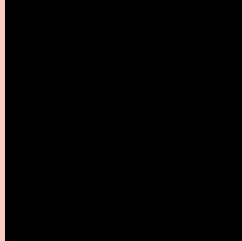
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 71.2384, 67.3024, 60.2749**

## **Background**



This preview shows how black text looks on a background with the XYZ color 71.2384, 67.3024, 60.2749.



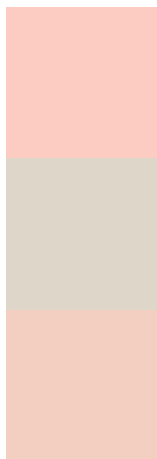
This preview shows how white text looks on a background with the XYZ color 71.2384, 67.3024,



# 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

71.2384, 67.3024, 60.2749

### Protanopia

64.5961, 67.7929, 64.3243

### Deuteranopia

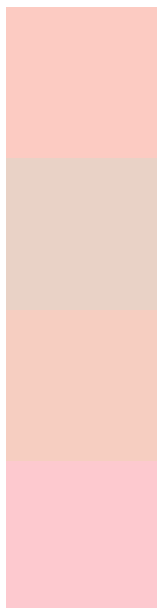
68.9006, 67.5306, 59.8553



## Tritanopia

73.7931, 67.2857, 73.3881

# Trichromacy



## Original Color

71.2384, 67.3024, 60.2749

## Protanomaly

66.8439, 67.4940, 62.9307

## Deuteranomaly

69.7030, 67.5857, 59.8237

## Tritanomaly

72.6571, 67.1609, 68.1654

# Monochromacy



## Original Color

71.2384, 67.3024, 60.2749

## Achromatopsia

65.9525, 69.3872, 75.5626

## Achromatomaly

67.6852, 68.5134, 69.9786

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 71.2384, 67.3024, 60.2749 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, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(252, 203, 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, 203, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 203, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 71.2384, 67.3024, 60.2749 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, 203, 194) }
```



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

```
.border{ border-color:rgb(252, 203, 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, 203, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 203, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 203, 194);  
box-shadow:4px 4px 4px 4px rgb(252, 203,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 71.2384, 67.3024, 60.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 203, 194) }
```

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

```
.background{ background-color: rgb(252,  
203, 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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