

# Converting Colors

XYZ(75.7542, 73.4913, 68.7773)

Have a look what the booklet for  
XYZ(75.7542, 73.4913, 68.7773)  
contains.

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# Color

**XYZ(75.6952, 73.4320,  
68.5767)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDD6CE
RGB	253, 214, 206
RGB Percent	99%, 84%, 81%
CMY	0.0078, 0.1608, 0.1922
CMYK	0.00, 0.15, 0.19, 0.01
HSL	10°, 92%, 90%
HSV	10°, 19%, 99%
XYZ	75.6952, 73.4320, 68.5767
YIQ	224.7490, 25.8120, 5.7800

# Conversions

## Conversions Part 2

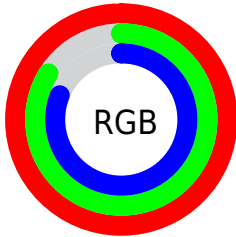
Format	Color
R <sub>YB</sub>	253, 216, 206
Decimal	16635598
CIE Lab	88.65, 12.37, 9.00
CIE LCh	89, 15.297, 36.043
Yxy	73.4320, 0.3477, 0.3373
Android (android.graphics.Color)	4294825678 (0xFFFDD6CE)
YUV	224.7490, -9.2433, 24.7761
Hunter-Lab	85.6925, 7.7136, 12.5370

# Details

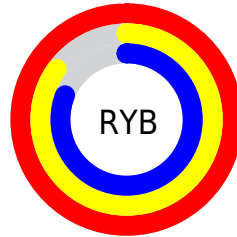
The XYZ color **75.6952, 73.4320, 68.5767** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8351, 85.5165, 105.4387**, and the grayscale version is **71.4408, 75.1612, 81.8506**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8306, 38.7990, 35.0427** is the 20% darker color. If you saturate the color by 10%, you get **67.8915, 62.3533, 52.0127**, and if you desaturate by 10%, it is **84.6823, 86.0845, 87.9776**.

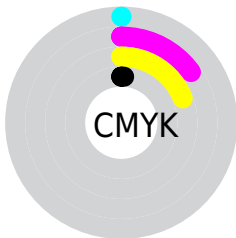
# Distribution



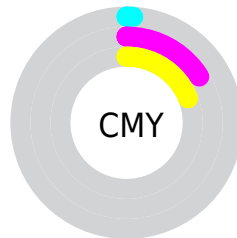
- Red (99%)
- Green (84%)
- Blue (81%)



- Red (99%)
- Yellow (85%)
- Blue (81%)



- Cyan (0%)
- Magenta (15%)
- Yellow (19%)
- Black (1%)




- Cyan (1%)
- Magenta (16%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6952, 73.4320, 68.5767 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 75.6952, 73.4320, 68.5767 by changing the saturation by 10% instead.




 75.6952, 73.4320,  
68.5767

 75.6952, 73.4320,  
68.5767


469.2641,  
472.5107, 474.1900

 56.4788, 54.3293,  
49.8974


126.2786,  
124.0903, 118.8388

 40.8254, 38.8650,  
34.9613


158.3763,  
156.4147, 151.2587

 28.3698, 26.6547,  
23.3498


195.4985,  
193.9150, 189.0959

 18.7465, 17.3141,  
14.6442

238.0106,  
236.9758, 232.7689

 11.5901, 10.4587,  
8.4263

286.2778,  
285.9813, 282.6962

 6.5354, 5.7041,  
4.2772

340.6655,

 3.2170, 2.6660,

341.3161, 339.2965

1.7786

401.5392,  
403.3644, 402.9883

■ 1.2696, 0.9600,  
0.4138

■ 0.1603, 0.0000,  
0.0000

■ 75.6952, 73.4320,  
68.5767

■ 75.6952, 73.4320,  
68.5767

■ 67.8915, 62.3533,  
52.0127

■ 84.6823, 86.0845,  
87.9776

■ 61.2155, 52.7769,  
38.1479

94.3183, 99.6228,  
108.8658

■ 55.6162, 44.6409,  
26.8400

■ 51.0361, 37.8749,  
17.9318

■ 47.4119, 32.4026,  
11.2486

■ 44.6735, 28.1402,  
6.5919

■ 42.7401, 24.9934,  
3.7275

■ 41.5081, 22.8507,  
2.3263

■ 41.3755, 22.6171,  
2.1848

# Harmonies

## Analogous

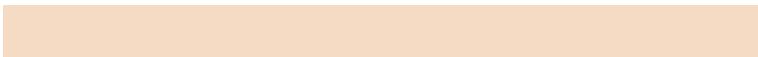
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0969, 73.4320, 77.8333



75.6952, 73.4320, 68.5767



72.7181, 73.4320, 62.7739

# Triad

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



75.6952, 73.4320, 68.5767



63.5050, 73.4320, 71.9785



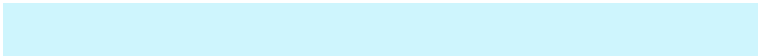
70.5450, 73.4320, 101.9305

# Complementary

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



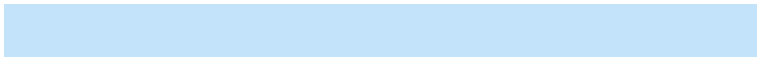
75.6952, 73.4320, 68.5767



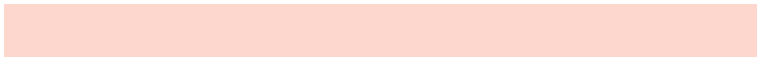
75.8351, 85.5165, 105.4387

# 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.



66.9512, 73.4320, 100.0156



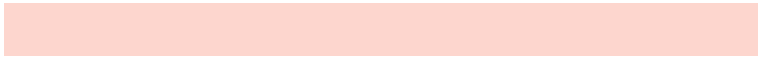
75.6952, 73.4320, 68.5767



62.9692, 73.4320, 82.1148

# Square

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



75.6952, 73.4320, 68.5767



65.6998, 73.4320, 64.6134



64.2095, 73.4320, 92.5270

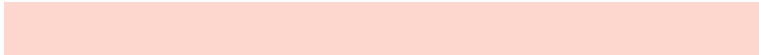


74.0567, 73.4320, 97.5509



# Rectangle

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



75.6952, 73.4320, 68.5767



70.2861, 73.4320, 61.3353



64.2095, 73.4320, 92.5270



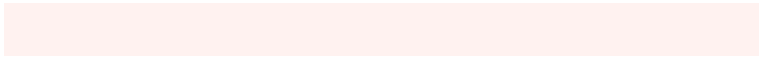
69.3060, 73.4320, 102.0063

# Sweetspot

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



75.6972, 73.4353, 68.5782



88.7669, 91.2199, 95.1333



79.0871, 71.6290, 96.1779



18.8593, 19.3280, 20.0559



0.0000, 0.0000, 0.0000

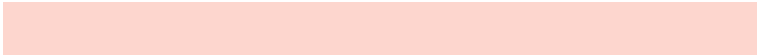


20.3446, 21.4041, 23.3091



# Same Dimension

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



75.6972, 73.4353, 68.5782



74.2040, 70.7126, 63.7099



82.0302, 86.1013, 70.6892



18.2593, 18.4869, 18.7503



22.0808, 12.1729, 1.1858

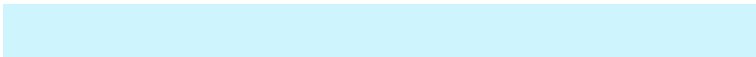


2.2162, 1.3177, 0.1375



# Inverse Universe

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



75.8351, 85.5165, 105.4387



74.3640, 84.9231, 107.0801



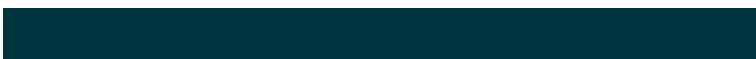
69.2170, 72.2803, 103.2326



18.2761, 19.9238, 23.1324



21.7743, 28.4582, 53.7799

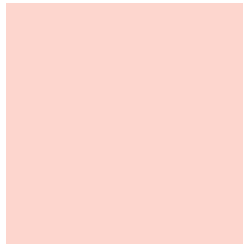


2.1865, 2.9038, 5.2585



# Previews

## White Background



This preview shows how the XYZ color 75.6952, 73.4320, 68.5767 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

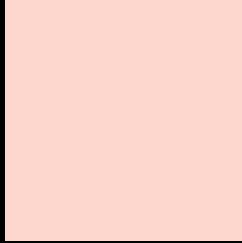
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.6952, 73.4320, 68.5767 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

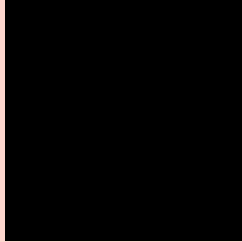
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.6952, 73.4320, 68.5767**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.6952, 73.4320, 68.5767.



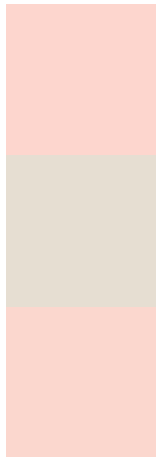
This preview shows how white text looks on a background with the XYZ color 75.6952, 73.4320,

68.5767.

# 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

75.6952, 73.4320, 68.5767

### Protanopia

70.3873, 73.7187, 71.4921

### Deuteranopia

75.2247, 73.5663, 68.6275



## Tritanopia

78.3994, 73.3946, 82.7075

# Trichromacy



## Original Color

75.6952, 73.4320, 68.5767

## Protanomaly

72.1000, 73.4436, 70.6976

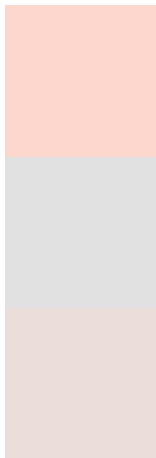
## Deuteranomaly

75.5859, 73.7526, 68.6444

## Tritanomaly

77.2027, 73.2723, 77.0918

# Monochromacy



## Original Color

75.6952, 73.4320, 68.5767

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.7723, 74.4370, 76.8619

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.6952, 73.4320, 68.5767 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(253, 214, 206)` looks like.

```
.text, #text, p{  
    color:rgb(253, 214, 206)  
}
```

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(253, 214, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 214, 206) }
```

## Border

The CSS property to change the border of an element to XYZ 75.6952, 73.4320, 68.5767 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(253, 214, 206) }
```



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

```
.border{ border-color:rgb(253, 214, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 214, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 214, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 214, 206);  
box-shadow:4px 4px 4px 4px rgb(253, 214,  
206) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.6952, 73.4320, 68.5767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 214, 206) }
```

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

```
.background{ background-color: rgb(253,  
214, 206) }
```

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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