

Converting Colors

XYZ(75.5502, 73.7231, 69.4162)

Have a look what the booklet for
XYZ(75.5502, 73.7231, 69.4162)
contains.

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Color

**XYZ(75.3466, 73.6151,
69.2694)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD7CF
RGB	251, 215, 207
RGB Percent	98%, 84%, 81%
CMY	0.0157, 0.1568, 0.1882
CMYK	0.00, 0.14, 0.18, 0.02
HSL	11°, 85%, 90%
HSV	11°, 18%, 98%
XYZ	75.3466, 73.6151, 69.2694
YIQ	224.8520, 24.0240, 5.1440

Conversions

Conversions Part 2

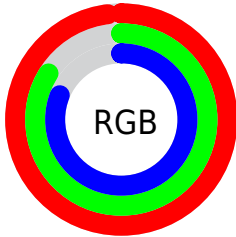
Format	Color
RYB	251, 217, 207
Decimal	16504783
CIELab	88.74, 11.28, 8.58
CIELCh	89, 14.171, 37.238
Yxy	73.6151, 0.3453, 0.3373
Android (android.graphics.Color)	4294694863 (0xFFFBD7CF)
YUV	224.8520, -8.8010, 22.9318
Hunter-Lab	85.7992, 6.6053, 12.1921

Details

The XYZ color **75.3466, 73.6151, 69.2694** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.1948, 84.3297, 103.5815**, and the grayscale version is **71.5126, 75.2368, 81.9328**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.5687, 38.9109, 35.5093** is the 20% darker color. If you saturate the color by 10%, you get **67.6143, 62.6768, 52.7368**, and if you desaturate by 10%, it is **84.2270, 86.0676, 88.5931**.

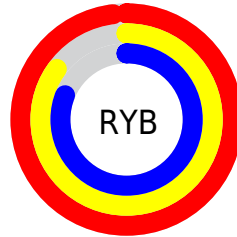
Distribution



Red (98%)

Green (84%)

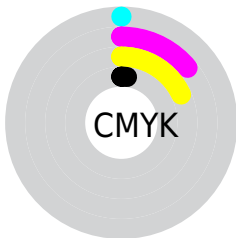
Blue (81%)



Red (98%)

Yellow (85%)

Blue (81%)

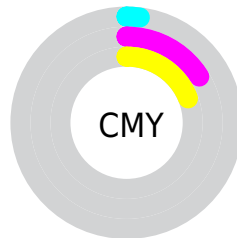


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3466, 73.6151, 69.2694 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 75.3466, 73.6151, 69.2694 by changing the saturation by 10% instead.

 75.3466, 73.6151,
69.2694

 75.3466, 73.6151,
69.2694


468.0869,
473.1439, 476.7002

 56.1921, 54.4791,
50.4580


125.7882,
124.3500, 119.8376

 40.5945, 38.9848,
35.4037


157.8059,
156.7177, 152.4315

 28.1887, 26.7479,
23.6880


194.8420,
194.2648, 190.4567

 18.6091, 17.3840,
14.8923

237.2620,
237.3755, 234.3316

 11.4905, 10.5086,
8.5980

285.4311,
286.4344, 284.4749

 6.4675, 5.7375,
4.3867

339.7147,

 3.1747, 2.6861,

341.8259, 341.3051

1.8398

400.4782,
403.9342, 405.2407

■ 1.2468, 0.9701,
0.4540

■ 0.1429, 0.0000,
0.0000

■ 75.3466, 73.6151,
69.2694

■ 75.3466, 73.6151,
69.2694

■ 67.6143, 62.6768,
52.7368

■ 84.2270, 86.0676,
88.5931

■ 60.9770, 53.1853,
38.8614

■ 93.5940, 99.2494,
108.8319

■ 55.3860, 45.0823,
27.5054

■ 50.7867, 38.3023,
18.5165

■ 47.1195, 32.7739,
11.7260

■ 44.3178, 28.4191,
6.9426

■ 42.3057, 25.1508,
3.9420

■ 40.9902, 22.8676,
2.4315

■ 40.7478, 22.4372,
2.1832

Harmonies

Analogous

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



76.7108, 73.6151, 77.8003



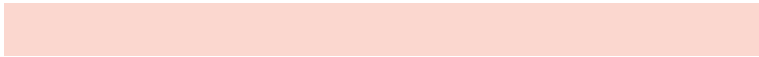
75.3466, 73.6151, 69.2694



72.5492, 73.6151, 63.9829

Triad

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



75.3466, 73.6151, 69.2694



64.0675, 73.6151, 73.0730



70.8024, 73.6151, 100.3687

Complementary

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



75.3466, 73.6151, 69.2694



75.1948, 84.3297, 103.5815

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.



67.4506, 73.6151, 98.8439



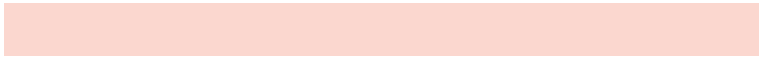
75.3466, 73.6151, 69.2694



63.6341, 73.6151, 82.5553

Square

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



75.3466, 73.6151, 69.2694



66.0572, 73.6151, 66.0506



64.8535, 73.6151, 92.1237



74.0322, 73.6151, 96.1351

Rectangle

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



75.3466, 73.6151, 69.2694



70.2869, 73.6151, 62.7453



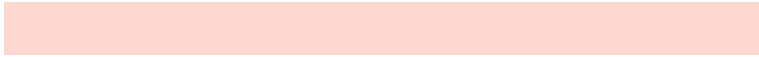
64.8535, 73.6151, 92.1237



69.6519, 73.6151, 100.5180

Sweetspot

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



75.3486, 73.6184, 69.2709



89.8269, 92.7305, 97.3658



78.3758, 71.6473, 95.0220



19.0749, 19.6365, 20.5065



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.



75.3486, 73.6184, 69.2709



75.1776, 72.1823, 65.5066



81.1385, 85.1981, 71.2009



17.5000, 17.7358, 17.9634



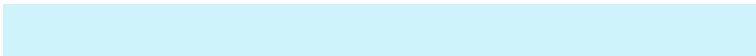
21.4934, 11.9434, 1.1725



2.0580, 1.2409, 0.1310

Inverse Universe

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



75.1948, 84.3297, 103.5815



74.9891, 85.1610, 107.0931



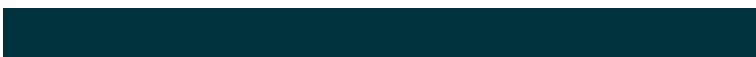
69.1784, 72.2970, 101.5761



17.4816, 19.0399, 22.1390



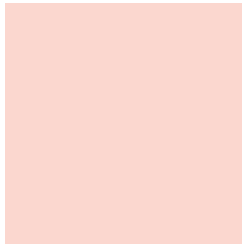
20.7697, 26.8950, 52.0701



1.9911, 2.6260, 4.8451

Previews

White Background



This preview shows how the XYZ color 75.3466, 73.6151, 69.2694 looks on a white background.

Color Contrast Check

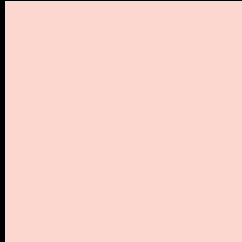
Large Text (above 18pt) WCAG AA × Fail

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 75.3466, 73.6151, 69.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

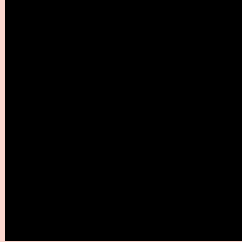
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3466, 73.6151, 69.2694

Background



This preview shows how black text looks on a background with the XYZ color 75.3466, 73.6151, 69.2694.



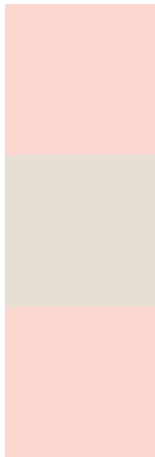
This preview shows how white text looks on a background with the XYZ color 75.3466, 73.6151,

69.2694.

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

75.3466, 73.6151, 69.2694

Protanopia

70.5123, 73.7687, 72.1504

Deuteranopia

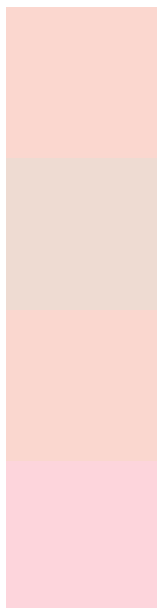
74.9873, 73.4299, 69.2526



Tritanopia

78.4201, 73.7592, 83.5026

Trichromacy



Original Color

75.3466, 73.6151, 69.2694

Protanomaly

72.2243, 73.4933, 71.3518

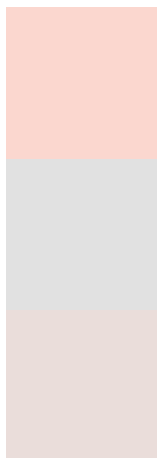
Deuteranomaly

74.9873, 73.4299, 69.2526

Tritanomaly

77.2205, 73.6385, 77.8538

Monochromacy



Original Color

75.3466, 73.6151, 69.2694

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.4430, 74.2673, 76.8465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3466, 73.6151, 69.2694 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(251, 215, 207)` looks like.

```
.text, #text, p{  
    color:rgb(251, 215, 207)  
}
```

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(251, 215, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 215, 207) }
```

Border

The CSS property to change the border of an element to XYZ 75.3466, 73.6151, 69.2694 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(251, 215, 207) }
```


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

```
.border{ border-color:rgb(251, 215, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 215, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 215, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 215, 207);  
box-shadow:4px 4px 4px 4px rgb(251, 215,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3466, 73.6151, 69.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 215, 207) }
```

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

```
.background{ background-color: rgb(251,  
215, 207) }
```

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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