

Converting Colors

XYZ(76.6136, 73.7880, 69.8889)

Have a look what the booklet for
XYZ(76.6136, 73.7880, 69.8889)
contains.

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Color

**XYZ(76.6717, 73.9072,
69.8990)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6D0
RGB	255, 214, 208
RGB Percent	100%, 84%, 82%
CMY	0.0000, 0.1608, 0.1843
CMYK	0.00, 0.16, 0.18, 0.00
HSL	8°, 100%, 91%
HSV	8°, 18%, 100%
XYZ	76.6717, 73.9072, 69.8990
YIQ	225.5750, 26.3620, 6.8260

Conversions

Conversions Part 2

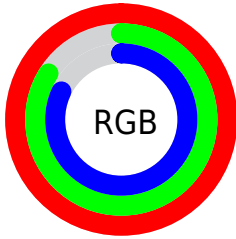
Format	Color
R _Y B	255, 215, 208
Decimal	16766672
CIE Lab	88.88, 13.38, 8.29
CIE LCh	89, 15.744, 31.790
Yxy	73.9072, 0.3478, 0.3352
Android (android.graphics.Color)	4294956752 (0xFFFFD6D0)
YUV	225.5750, -8.6645, 25.8057
Hunter-Lab	85.9693, 8.7489, 11.9716

Details

The XYZ color **76.6717, 73.9072, 69.8990** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.9371, 88.3786, 107.5588**, and the grayscale version is **72.0307, 75.7819, 82.5265**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5196, 39.1351, 35.9374** is the 20% darker color. If you saturate the color by 10%, you get **68.5333, 62.2540, 52.9323**, and if you desaturate by 10%, it is **86.0867, 87.3059, 89.7815**.

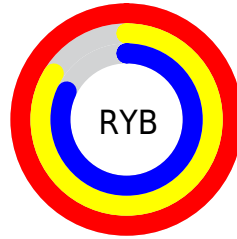
Distribution



Red (100%)

Green (84%)

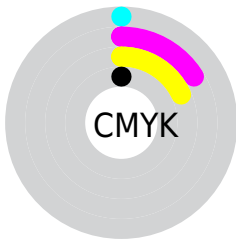
Blue (82%)



Red (100%)

Yellow (84%)

Blue (82%)

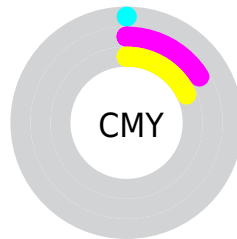


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.6717, 73.9072, 69.8990 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 76.6717, 73.9072, 69.8990 by changing the saturation by 10% instead.


 76.6717, 73.9072,
69.8990

 76.6717, 73.9072,
69.8990


472.5531,
474.1530, 478.9748

 57.2824, 54.7181,
50.9679


127.6513,
124.7642, 120.7445

 41.4731, 39.1761,
35.8065


159.9723,
157.2010, 153.4959

 28.8782, 26.8967,
23.9963


197.3346,
194.8224, 191.6913

 19.1325, 17.4957,
15.1187

240.1035,
238.0128, 235.7490

 11.8707, 10.5885,
8.7552

288.6445,
287.1567, 286.0877

 6.7272, 5.7909,
4.4872

343.3229,

 3.3369, 2.7183,

342.6384, 343.1259

1.8963

404.5039,
404.8424, 407.2821

■ 1.3343, 0.9865,
0.4904

■ 0.2087, 0.0000,
0.0000

■ 76.6717, 73.9072,
69.8990

■ 76.6717, 73.9072,
69.8990

■ 68.5333, 62.2540,
52.9323

■ 86.0867, 87.3059,
89.7815

■ 61.6112, 52.2650,
38.7399

95.0500, 100.0000,
108.9000

■ 55.8481, 43.8670,
27.1751

■ 51.1800, 36.9775,
18.0760

■ 47.5366, 31.5066,
11.2629

■ 44.8390, 27.3546,
6.5313

■ 42.9969, 24.4089,
3.6404

■ 41.8949, 22.5348,
2.2564

■ 41.7723, 22.3245,
2.1074

Harmonies

Analogous

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



77.8410, 73.9072, 79.8177



76.6717, 73.9072, 69.8990



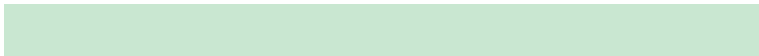
73.7735, 73.9072, 63.3339

Triad

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



76.6717, 73.9072, 69.8990



63.9752, 73.9072, 70.9393



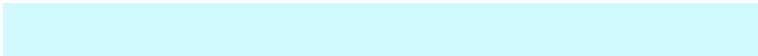
70.4761, 73.9072, 103.3639

Complementary

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



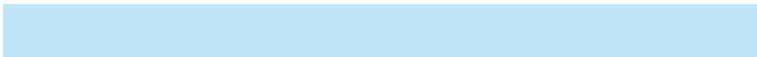
76.6717, 73.9072, 69.8990



77.9371, 88.3786, 107.5588

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.



66.8339, 73.9072, 100.4534



76.6717, 73.9072, 69.8990



63.1629, 73.9072, 81.1307

Square

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



76.6717, 73.9072, 69.8990



66.4505, 73.9072, 63.8951



64.1908, 73.9072, 92.0616



74.1845, 73.9072, 99.6942

Rectangle

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



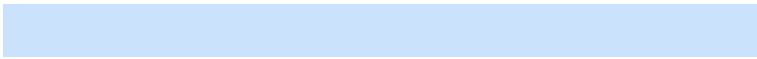
76.6717, 73.9072, 69.8990



71.2999, 73.9072, 61.4090



64.1908, 73.9072, 92.0616



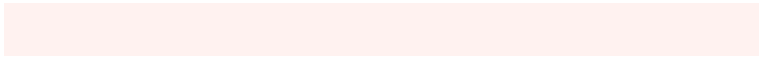
69.2036, 73.9072, 103.1216

Sweetspot

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



76.6735, 73.9104, 69.9005



88.5731, 90.8324, 95.0687



80.9759, 73.2444, 99.9155



18.8136, 19.2368, 20.0407



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.



76.6735, 73.9104, 69.9005



73.6248, 69.5540, 63.5168



82.9049, 86.3732, 71.9777



18.1964, 18.3609, 18.7293



21.8845, 11.7801, 1.1204



2.1865, 1.2584, 0.1277

Inverse Universe

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



77.9371, 88.3786, 107.5588



75.0926, 86.3803, 107.3230



71.2640, 75.0324, 105.3344



18.3452, 20.0620, 23.1554



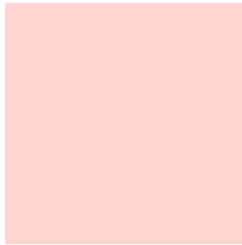
23.2164, 31.3424, 54.2606



2.3134, 3.1575, 5.3008

Previews

White Background



This preview shows how the XYZ color 76.6717, 73.9072, 69.8990 looks on a white background.

Color Contrast Check

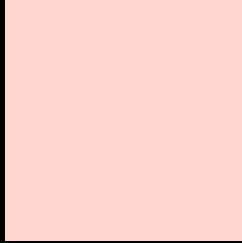
Large Text (above 18pt) WCAG AA × Fail

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 76.6717, 73.9072, 69.8990 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 76.6717, 73.9072, 69.8990

Background



This preview shows how black text looks on a background with the XYZ color 76.6717, 73.9072, 69.8990.



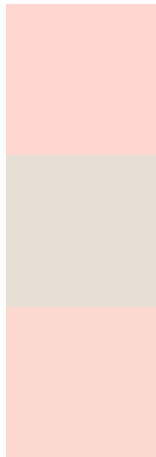
This preview shows how white text looks on a background with the XYZ color 76.6717, 73.9072,

69.8990.

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

76.6717, 73.9072, 69.8990

Protanopia

71.0310, 74.4024, 73.5682

Deuteranopia

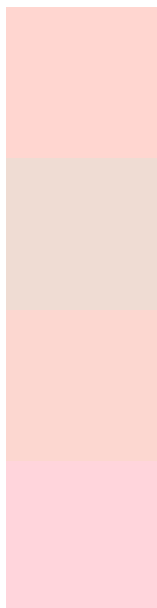
75.7247, 74.1750, 70.0006



Tritanopia

78.6486, 73.8930, 82.7906

Trichromacy



Original Color

76.6717, 73.9072, 69.8990

Protanomaly

72.9477, 74.2403, 72.1131

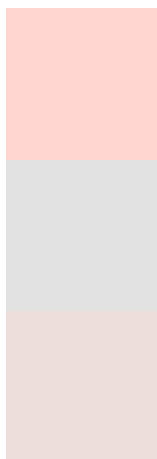
Deuteranomaly

75.8305, 73.8504, 69.9324

Tritanomaly

77.9525, 74.0158, 77.8881

Monochromacy



Original Color

76.6717, 73.9072, 69.8990

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.8325, 75.3616, 77.6727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.6717, 73.9072, 69.8990 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, 214, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 208)  
}
```

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, 214, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 208) }
```

Border

The CSS property to change the border of an element to XYZ 76.6717, 73.9072, 69.8990 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, 214, 208) }
```


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

```
.border{ border-color:rgb(255, 214, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 76.6717, 73.9072, 69.8990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 208) }
```

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

```
.background{ background-color: rgb(255,  
214, 208) }
```

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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