

Converting Colors

XYZ(76.2707, 73.1561, 69.6079)

Have a look what the booklet for
XYZ(76.2707, 73.1561, 69.6079)
contains.

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Color

**XYZ(76.4194, 73.4026,
69.8149)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5D0
RGB	255, 213, 208
RGB Percent	100%, 84%, 82%
CMY	0.0000, 0.1647, 0.1843
CMYK	0.00, 0.16, 0.18, 0.00
HSL	6°, 100%, 91%
HSV	6°, 18%, 100%
XYZ	76.4194, 73.4026, 69.8149
YIQ	224.9880, 26.6370, 7.3490

Conversions

Conversions Part 2

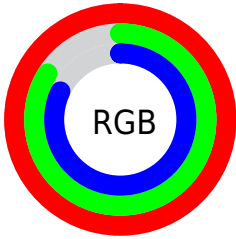
Format	Color
R _Y B	255, 214, 208
Decimal	16766416
CIE Lab	88.64, 13.90, 7.95
CIE LCh	89, 16.016, 29.765
Yxy	73.4026, 0.3479, 0.3342
Android (android.graphics.Color)	4294956496 (0xFFFFD5D0)
YUV	224.9880, -8.3751, 26.3205
Hunter-Lab	85.6753, 9.2840, 11.6586

Details

The XYZ color **76.4194, 73.4026, 69.8149** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2470, 88.9984, 107.6621**, and the grayscale version is **71.6059, 75.3350, 82.0398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3483, 38.7926, 35.8803** is the 20% darker color. If you saturate the color by 10%, you get **68.1970, 61.5812, 52.8202**, and if you desaturate by 10%, it is **85.9550, 87.0425, 89.7375**.

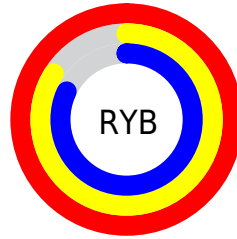
Distribution



Red (100%)

Green (84%)

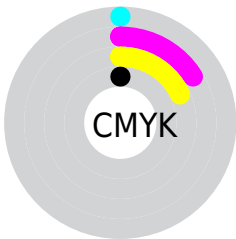
Blue (82%)



Red (100%)

Yellow (84%)

Blue (82%)

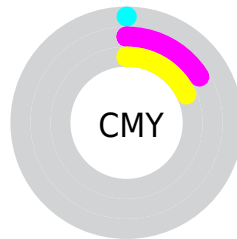


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4194, 73.4026, 69.8149 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 76.4194, 73.4026, 69.8149 by changing the saturation by 10% instead.

76.4194, 73.4026,
69.8149

76.4194, 73.4026,
69.8149

471.7045,
472.4090, 478.6714

57.0747, 54.3052,
50.8998

127.2968,
124.0486, 120.6234

41.3056, 38.8457,
35.7527

159.5602,
156.3660, 153.3538

28.7467, 26.6397,
23.9551

196.8606,
193.8589, 191.5265

19.0326, 17.3028,
15.0884

239.5633,
236.9116, 235.5598

11.7980, 10.4506,
8.7341

288.0337,
285.9086, 285.8725

6.6775, 5.6988,
4.4737

342.6371,

3.3058, 2.6628,

341.2342, 342.8829

1.8887

403.7390,
403.2729, 407.0097

■ 1.3174, 0.9583,
0.4855

■ 0.1962, 0.0000,
0.0000

■ 76.4194, 73.4026,
69.8149

■ 76.4194, 73.4026,
69.8149

■ 68.1970, 61.5812,
52.8202

■ 85.9550, 87.0425,
89.7375

■ 61.2249, 51.4923,
38.6111

95.0500, 100.0000,
108.9000

■ 55.4432, 43.0571,
27.0401

■ 50.7849, 36.1873,
17.9443

■ 47.1763, 30.7861,
11.1428

■ 44.5347, 26.7460,
6.4299

■ 42.7647, 23.9446,
3.5630

■ 41.7449, 22.2347,
2.2064

■ 41.6355, 22.0510,
2.0618

Harmonies

Analogous

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



77.4660, 73.4026, 80.0101



76.4194, 73.4026, 69.8149



73.5766, 73.4026, 62.9078

Triad

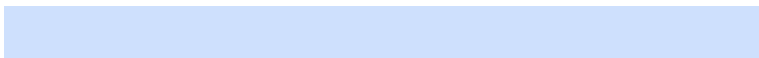
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4194, 73.4026, 69.8149



63.5408, 73.4026, 69.6771



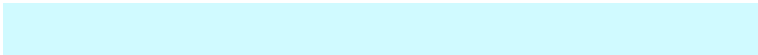
69.7365, 73.4026, 103.1531

Complementary

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



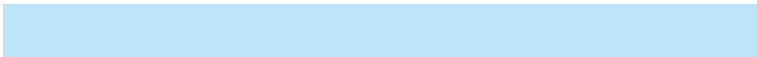
76.4194, 73.4026, 69.8149



78.2470, 88.9984, 107.6621

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.



66.0911, 73.4026, 99.7590



76.4194, 73.4026, 69.8149



62.5957, 73.4026, 79.8359

Square

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



76.4194, 73.4026, 69.8149



66.1420, 73.4026, 62.8335



63.5123, 73.4026, 90.9624



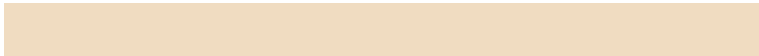
73.5221, 73.4026, 99.8600

Rectangle

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



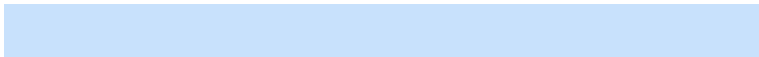
76.4194, 73.4026, 69.8149



71.0958, 73.4026, 60.7533



63.5123, 73.4026, 90.9624



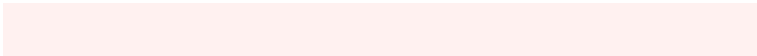
68.4548, 73.4026, 102.7523

Sweetspot

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



76.4212, 73.4058, 69.8164



88.4765, 90.6392, 95.0365



81.0987, 73.2935, 100.5621



18.7909, 19.1913, 20.0331



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.



76.4212, 73.4058, 69.8164



73.3384, 68.9812, 63.4213



82.6786, 85.9206, 71.9022



18.1650, 18.2982, 18.7188



21.8054, 11.6221, 1.0940



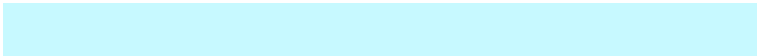
2.1718, 1.2290, 0.1228

Inverse Universe

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



78.2470, 88.9984, 107.6621



75.4604, 87.1159, 107.4456



71.4775, 75.4595, 105.4056



18.3799, 20.1314, 23.1670



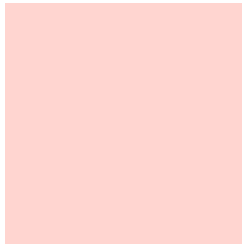
23.9726, 32.8547, 54.5127



2.3795, 3.2898, 5.3228

Previews

White Background



This preview shows how the XYZ color 76.4194, 73.4026, 69.8149 looks on a white background.

Color Contrast Check

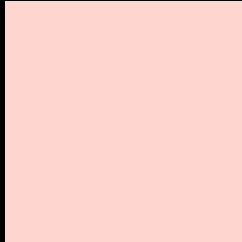
Large Text (above 18pt) WCAG AA × Fail

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 76.4194, 73.4026, 69.8149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

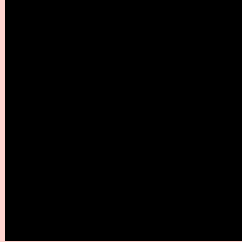
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

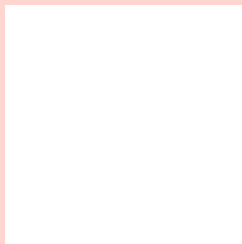
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.4194, 73.4026, 69.8149

Background



This preview shows how black text looks on a background with the XYZ color 76.4194, 73.4026, 69.8149.



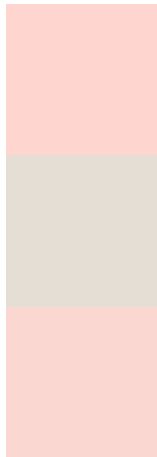
This preview shows how white text looks on a background with the XYZ color 76.4194, 73.4026,

69.8149.

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

76.4194, 73.4026, 69.8149

Protanopia

70.4446, 73.7047, 73.4644

Deuteranopia

75.1099, 73.4789, 69.8986



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

76.4194, 73.4026, 69.8149

Protanomaly

72.3493, 73.5433, 72.0101

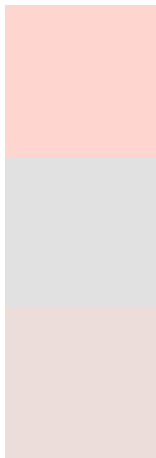
Deuteranomaly

75.5766, 73.3426, 69.8477

Tritanomaly

77.5697, 73.4614, 77.1089

Monochromacy



Original Color

76.4194, 73.4026, 69.8149

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.2347, 74.6602, 77.5688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4194, 73.4026, 69.8149 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, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 208) }
```

Border

The CSS property to change the border of an element to XYZ 76.4194, 73.4026, 69.8149 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, 213, 208) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4194, 73.4026, 69.8149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 208) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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