

Converting Colors

XYZ(74.5225, 74.4095, 70.1092)

Have a look what the booklet for
XYZ(74.5225, 74.4095, 70.1092)
contains.

XYZ(74.4626, 74.2897, 70.0893)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.4626, 74.2897,
70.0893)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DAD0
RGB	246, 218, 208
RGB Percent	96%, 85%, 82%
CMY	0.0353, 0.1451, 0.1843
CMYK	0.00, 0.11, 0.15, 0.04
HSL	16°, 68%, 89%
HSV	16°, 15%, 96%
XYZ	74.4626, 74.2897, 70.0893
YIQ	225.2320, 19.8980, 2.8260

Conversions

Conversions Part 2

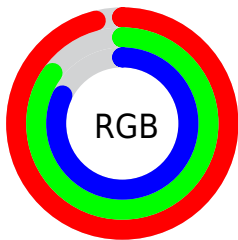
Format	Color
R _Y B	246, 222, 208
Decimal	16177872
CIE Lab	89.06, 8.09, 8.45
CIE LCh	89, 11.698, 46.243
Yxy	74.2897, 0.3403, 0.3395
Android (android.graphics.Color)	4294367952 (0xFFFF6DAD0)
YUV	225.2320, -8.4954, 18.2135
Hunter-Lab	86.1915, 3.3748, 12.1205

Details

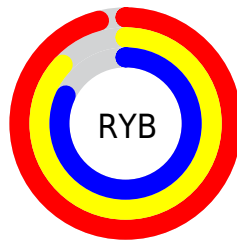
The XYZ color **74.4626, 74.2897, 70.0893** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.6420, 80.0529, 98.8125**, and the grayscale version is **71.7858, 75.5242, 82.2459**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9162, 39.3463, 36.0626** is the 20% darker color. If you saturate the color by 10%, you get **67.2225, 64.2828, 53.8840**, and if you desaturate by 10%, it is **82.6902, 85.5189, 88.9414**.

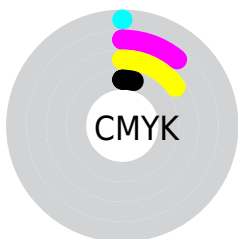
Distribution



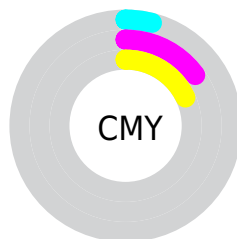
- Red (96%)
- Green (85%)
- Blue (82%)



- Red (96%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4626, 74.2897, 70.0893 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 74.4626, 74.2897, 70.0893 by changing the saturation by 10% instead.


 74.4626, 74.2897,
70.0893

 74.4626, 74.2897,
70.0893


465.0941,
475.4726, 479.6611

 55.4654, 55.0312,
51.1221


124.5433,
125.3064, 121.0184

 40.0097, 39.4267,
35.9284


156.3576,
157.8334, 153.8174

 27.7304, 27.0918,
24.0896


193.1748,
195.5519, 192.0640

 18.2619, 17.6422,
15.1873

235.3605,
238.8465, 236.1769

 11.2390, 10.6934,
8.8029

283.2799,
288.1014, 286.5744

 6.2963, 5.8611,
4.5178

337.2984,

 3.0685, 2.7608,

343.7012, 343.6753

1.9135

397.7813,
406.0301, 407.8980

■ 1.1901, 1.0082,
0.5013

■ 0.0985, 0.0000,
0.0000

■ 74.4626, 74.2897,
70.0893

■ 74.4626, 74.2897,
70.0893

■ 67.2225, 64.2828,
53.8840

■ 82.6902, 85.5189,
88.9414

■ 60.9257, 55.4466,
40.2018

■ 91.5784, 97.8572,
108.6694

■ 55.5338, 47.7405,
28.9159

■ 91.8163, 98.3330,
108.7487

■ 51.0030, 41.1178,
19.8867

■ 47.2857, 35.5282,
12.9600

■ 44.3296, 30.9174,
7.9620

■ 42.0749, 27.2256,
4.6907

■ 40.4516, 24.3851,
2.8975

■ 39.8832, 23.3468,
2.4043

Harmonies

Analogous

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



75.9951, 74.2897, 76.5839



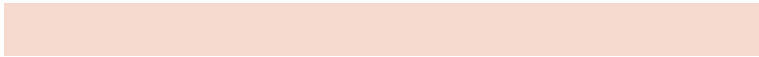
74.4626, 74.2897, 70.0893



71.9194, 74.2897, 66.6017

Triad

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



74.4626, 74.2897, 70.0893



65.4273, 74.2897, 77.2191



72.1519, 74.2897, 96.8870

Complementary

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



74.4626, 74.2897, 70.0893



72.6420, 80.0529, 98.8125

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.



69.3169, 74.2897, 97.0857



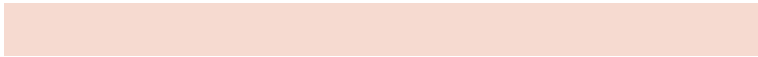
74.4626, 74.2897, 70.0893



65.4857, 74.2897, 85.3522

Square

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



74.4626, 74.2897, 70.0893



66.7310, 74.2897, 70.5273



66.8929, 74.2897, 92.7444



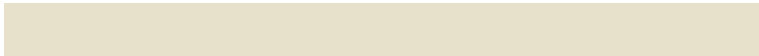
74.6367, 74.2897, 92.2185

Rectangle

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



74.4626, 74.2897, 70.0893



70.0167, 74.2897, 66.2889



66.8929, 74.2897, 92.7444



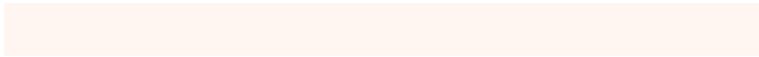
71.2069, 74.2897, 97.4890

Sweetspot

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



74.4646, 74.2930, 70.0909



90.1409, 93.3584, 97.4704



75.7758, 70.7908, 89.4092



19.1510, 19.7886, 20.5318



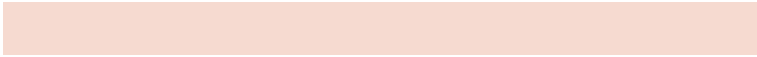
0.0000, 0.0000, 0.0000



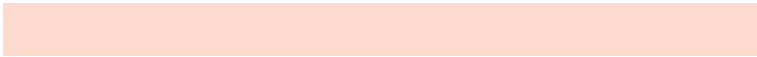
20.3446, 21.4041, 23.3091

Same Dimension

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



74.4646, 74.2930, 70.0909



77.8589, 76.5657, 69.4185



79.5316, 84.4269, 71.7799



16.8539, 17.1919, 17.2276



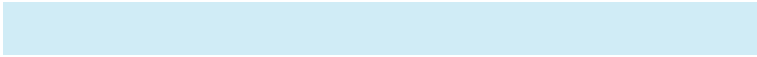
21.3849, 12.6553, 1.3156



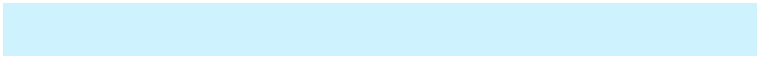
1.9601, 1.2734, 0.1425

Inverse Universe

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



72.6420, 80.0529, 98.8125



75.4814, 84.0704, 106.8567



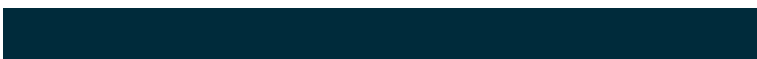
67.5899, 69.9486, 97.1285



16.6060, 17.9763, 21.1371



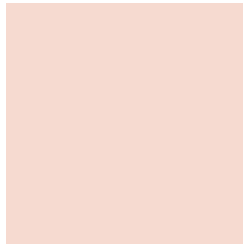
17.8446, 21.4830, 49.7441



1.6519, 2.0551, 4.3999

Previews

White Background



This preview shows how the XYZ color 74.4626, 74.2897, 70.0893 looks on a white background.

Color Contrast Check

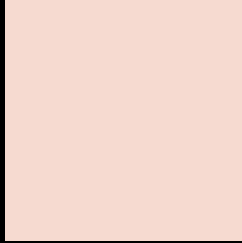
Large Text (above 18pt) WCAG AA × Fail

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 74.4626, 74.2897, 70.0893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

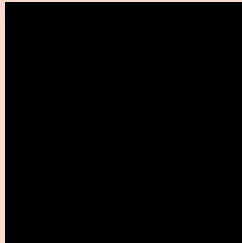
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4626, 74.2897, 70.0893

Background



This preview shows how black text looks on a background with the XYZ color 74.4626, 74.2897, 70.0893.



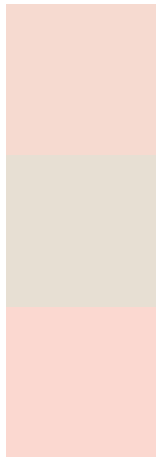
This preview shows how white text looks on a background with the XYZ color 74.4626, 74.2897, 70.0893.

70.0893.

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

74.4626, 74.2897, 70.0893

Protanopia

71.1005, 74.4674, 72.2543

Deuteranopia

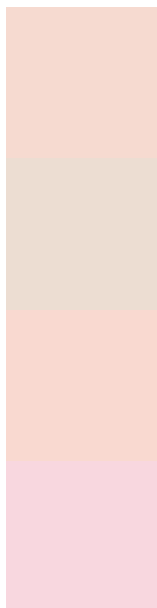
75.7247, 74.1750, 70.0006



Tritanopia

77.5373, 74.0024, 85.7985

Trichromacy



Original Color

74.4626, 74.2897, 70.0893

Protanomaly

72.0814, 74.1989, 71.4955

Deuteranomaly

75.2649, 74.3195, 70.0527

Tritanomaly

76.3311, 73.8850, 80.0502

Monochromacy



Original Color

74.4626, 74.2897, 70.0893

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5117, 74.6807, 77.6109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4626, 74.2897, 70.0893 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(246, 218, 208) looks like.

```
.text, #text, p{  
    color:rgb(246, 218, 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(246, 218, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 218, 208) }
```

Border

The CSS property to change the border of an element to XYZ 74.4626, 74.2897, 70.0893 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(246, 218, 208) }
```


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

```
.border{ border-color:rgb(246, 218, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 218, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 218, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 218, 208);  
box-shadow:4px 4px 4px 4px rgb(246, 218,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4626, 74.2897, 70.0893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 218, 208) }
```

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

```
.background{ background-color: rgb(246,  
218, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor