

Converting Colors

XYZ(74.8073, 76.6250, 49.4034)

Have a look what the booklet for
XYZ(74.8073, 76.6250, 49.4034)
contains.

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Color

**XYZ(74.7120, 76.4428,
49.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEAB
RGB	255, 222, 171
RGB Percent	100%, 87%, 67%
CMY	0.0000, 0.1294, 0.3294
CMYK	0.00, 0.13, 0.33, 0.00
HSL	36°, 100%, 84%
HSV	36°, 33%, 100%
XYZ	74.7120, 76.4428, 49.3453
YIQ	226.0530, 36.0390, -8.8650

Conversions

Conversions Part 2

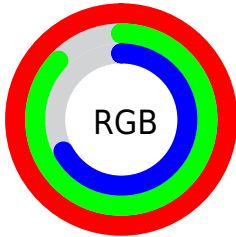
Format	Color
R _Y B	225, 255, 171
Decimal	16768683
CIE Lab	90.06, 4.27, 29.25
CIE LCh	90, 29.556, 81.691
Yxy	76.4428, 0.3726, 0.3813
Android (android.graphics.Color)	4294958763 (0xFFFFDEAB)
YUV	226.0530, -27.1411, 25.3865
Hunter-Lab	87.4316, -0.4735, 27.7396

Details

The XYZ color **74.7120, 76.4428, 49.3453** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.4369, 59.0619, 103.0333**, and the grayscale version is **72.5005, 76.2762, 83.0648**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **40.1147, 40.8158, 22.9035** is the 20% darker color. If you saturate the color by 10%, you get **69.9307, 70.4019, 36.8947**, and if you desaturate by 10%, it is **80.1240, 82.9943, 64.3212**.

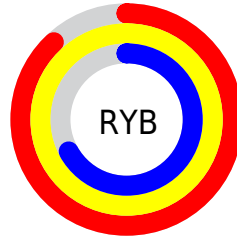
Distribution



Red (100%)

Green (87%)

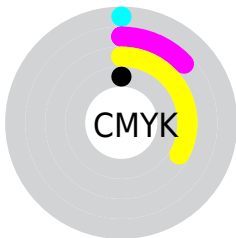
Blue (67%)



Red (88%)

Yellow (100%)

Blue (67%)

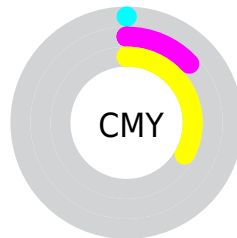


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.7120, 76.4428, 49.3453 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 74.7120, 76.4428, 49.3453 by changing the saturation by 10% instead.

 74.7120, 76.4428,
49.3453

 74.7120, 76.4428,
49.3453


465.9395,
482.8621, 400.7616

 55.6703, 56.7957,
34.5259


 124.8947,
128.3526, 90.5904

 40.1746, 40.8412,
23.0173


156.7664,
161.3841, 117.8532

 27.8595, 28.1950,
14.4009


193.6455,
199.6459, 150.1009

 18.3597, 18.4727,
8.2581

235.8974,
243.5223, 187.7520

 11.3098, 11.2899,
4.1704

283.8874,
293.3977, 231.2251

 6.3444, 6.2622,
1.7193

337.9808,

 3.0983, 3.0052,

349.6566, 280.9387

0.3739

398.5431,
412.6832, 337.3113

■ 1.2059, 1.1344,
0.0000

■ 0.1111, 0.0071,
0.0000

■ 74.7120, 76.4428,
49.3453

■ 74.7120, 76.4428,
49.3453

■ 69.9307, 70.4019,
36.8947

■ 80.1240, 82.9943,
64.3212

■ 65.7447, 64.8450,
26.8212

■ 86.1887, 90.0613,
81.9496

■ 62.1234, 59.7579,
18.9684

■ 92.9337, 97.6617,
102.3549

■ 59.0302, 55.1217,
13.1589

95.0500, 100.0000,
108.9000

■ 56.4237, 50.9148,
9.1878

■ 54.2535, 47.1124,
6.8065

■ 52.9344, 44.6489,
5.8281

Harmonies

Analogous

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



81.7468, 76.4428, 55.4117



74.7120, 76.4428, 49.3453



67.5717, 76.4428, 51.0832

Triad

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



74.7120, 76.4428, 49.3453



60.3336, 76.4428, 99.0585



84.2845, 76.4428, 110.8410

Complementary

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



74.7120, 76.4428, 49.3453



56.4369, 59.0619, 103.0333

Split Complementary

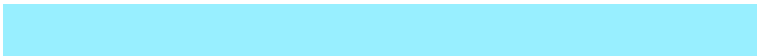
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.9904, 76.4428, 126.6467



74.7120, 76.4428, 49.3453



64.2666, 76.4428, 119.0872

Square

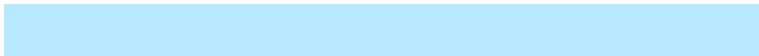
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7120, 76.4428, 49.3453



59.5858, 76.4428, 77.5365



70.6392, 76.4428, 129.8943



87.5114, 76.4428, 89.2024

Rectangle

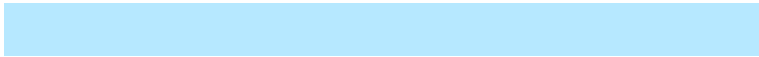
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7120, 76.4428, 49.3453



63.6812, 76.4428, 56.5875



70.6392, 76.4428, 129.8943



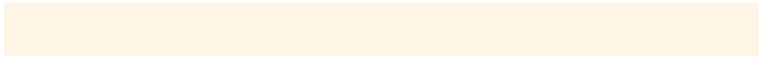
82.4380, 76.4428, 117.1534

Sweetspot

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



74.7138, 76.4463, 49.3469



88.1003, 92.2401, 87.6560



66.7747, 54.7751, 64.5588



18.6599, 19.5190, 18.1718



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

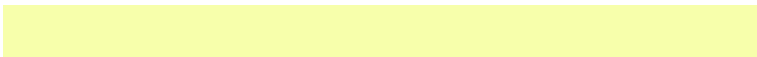
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7138, 76.4463, 49.3469



71.2737, 72.1278, 40.3025



81.3278, 94.1619, 52.4177



18.9273, 19.8228, 18.9729



27.8090, 23.6293, 3.0952



2.8141, 2.5137, 0.3369

Inverse Universe

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



56.4369, 59.0619, 103.0333



50.2711, 52.1609, 102.0262



51.2967, 45.9783, 100.7788



17.5883, 18.5481, 22.9031



11.9558, 8.8212, 50.5071



1.2668, 1.0643, 4.9519

Previews

White Background



This preview shows how the XYZ color 74.7120, 76.4428, 49.3453 looks on a white background.

Color Contrast Check

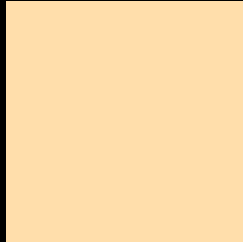
Large Text (above 18pt) WCAG AA × Fail

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 74.7120, 76.4428, 49.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

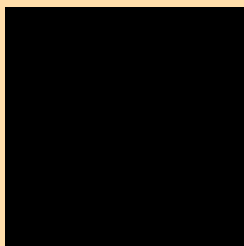
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.7120, 76.4428, 49.3453

Background



This preview shows how black text looks on a background with the XYZ color 74.7120, 76.4428, 49.3453.



This preview shows how white text looks on a background with the XYZ color 74.7120, 76.4428,

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

74.7120, 76.4428, 49.3453

Protanopia

71.3571, 76.2871, 50.4991

Deuteranopia

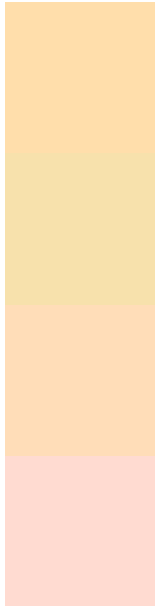
76.2372, 76.2080, 59.9817



Tritanopia

80.3358, 76.5989, 85.4138

Trichromacy



Original Color

74.7120, 76.4428, 49.3453

Protanomaly

72.7294, 76.6031, 49.9824

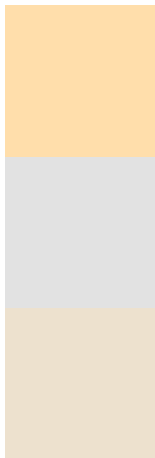
Deuteranomaly

75.7482, 76.4336, 56.1082

Tritanomaly

78.0801, 76.5265, 70.9774

Monochromacy



Original Color

74.7120, 76.4428, 49.3453

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.9908, 76.3112, 69.2750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.7120, 76.4428, 49.3453 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, 222, 171)` looks like.

```
.text, #text, p{  
  color:rgb(255, 222, 171)  
}
```

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, 222, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 171) }
```

Border

The CSS property to change the border of an element to XYZ 74.7120, 76.4428, 49.3453 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, 222, 171) }
```


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

```
.border{ border-color:rgb(255, 222, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 74.7120, 76.4428, 49.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 171) }
```

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

```
.background{ background-color: rgb(255,  
222, 171) }
```

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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