

# Converting Colors

XYZ(74.6074, 75.1374, 52.6902)

Have a look what the booklet for XYZ(74.6074, 75.1374, 52.6902) contains.

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# **Color**

**XYZ(74.6074, 75.1374,  
52.6902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDDB2
RGB	255, 219, 178
RGB Percent	100%, 86%, 70%
CMY	0.0000, 0.1412, 0.3020
CMYK	0.00, 0.14, 0.30, 0.00
HSL	32°, 100%, 85%
HSV	32°, 30%, 100%
XYZ	74.6074, 75.1374, 52.6902
YIQ	225.0900, 34.6170, -5.1190

# Conversions

## Conversions Part 2

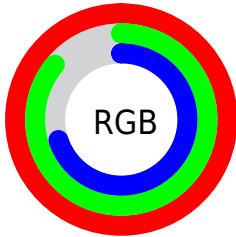
Format	Color
<a href="#">RYB</a>	<a href="#">246, 255, 178</a>
Decimal	<a href="#">16767922</a>
CIELab	<a href="#">89.46, 6.67, 24.80</a>
CIELCh	<a href="#">89, 25.686, 74.942</a>
Yxy	<a href="#">75.1374, 0.3685, 0.3712</a>
Android (android.graphics.Color)	<a href="#">4294958002 (0xFFFFDDB2)</a>
YUV	<a href="#">225.0900, -23.2154, 26.2311</a>
Hunter-Lab	<a href="#">86.6818, 1.9425, 24.6374</a>

# Details

The XYZ color **74.6074, 75.1374, 52.6902** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.4559, 64.7760, 103.9244**, and the grayscale version is **71.7786, 75.5167, 82.2377**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **40.0031, 39.9019, 24.9955** is the 20% darker color. If you saturate the color by 10%, you get **69.2824, 68.2109, 39.4362**, and if you desaturate by 10%, it is **80.6348, 82.7065, 68.5280**.

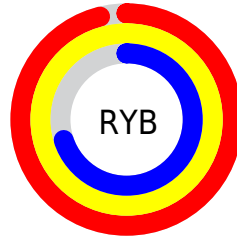
# Distribution



Red (100%)

Green (86%)

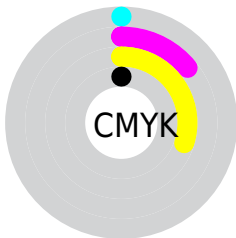
Blue (70%)



Red (96%)

Yellow (100%)

Blue (70%)

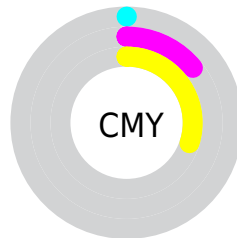


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6074, 75.1374, 52.6902 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 74.6074, 75.1374, 52.6902 by changing the saturation by 10% instead.




 74.6074, 75.1374,  
52.6902

 74.6074, 75.1374,  
52.6902


465.5851,  
478.3897, 414.1279

 55.5844, 55.7255,  
37.1695


 124.7473,  
126.5068, 95.5853

 40.1055, 39.9829,  
25.0419


156.5950,  
159.2331, 123.7967

 27.8054, 27.5252,  
15.8890


193.4482,  
197.1663, 157.0755

 18.3187, 17.9680,  
9.2921

235.6723,  
240.6908, 195.8401

 11.2801, 10.9270,  
4.8328

283.6327,  
290.1910, 240.5091

 6.3242, 6.0178,  
2.0925

337.6947,

 3.0858, 2.8559,

346.0513, 291.5010

0.6113

398.2237,  
408.6561, 349.2345

■ 1.1993, 1.0570,  
0.0000

■ 0.1058, 0.0000,  
0.0000

■ 74.6074, 75.1374,  
52.6902

■ 74.6074, 75.1374,  
52.6902

■ 69.2824, 68.2109,  
39.4362

■ 80.6348, 82.7065,  
68.5280

■ 64.6232, 61.8970,  
28.6206

■ 87.3879, 90.9268,  
87.0749

■ 60.5979, 56.1779,  
20.0908

94.8956, 99.8195,  
108.4534

■ 57.1690, 51.0308,  
13.6746

95.0500, 100.0000,  
108.9000

■ 54.2946, 46.4305,  
9.1750

■ 51.9248, 42.3488,  
6.3572

■ 50.0157, 38.8114,  
4.8552

# Harmonies

## Analogous

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



80.3323, 75.1374, 59.6826



74.6074, 75.1374, 52.6902



68.3395, 75.1374, 52.6767

# Triad

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



74.6074, 75.1374, 52.6902



60.3458, 75.1374, 91.0814



80.3136, 75.1374, 108.8890

# Complementary

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



74.6074, 75.1374, 52.6902



60.4559, 64.7760, 103.9244

# 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.



74.5831, 75.1374, 120.0917



74.6074, 75.1374, 52.6902



63.1849, 75.1374, 108.8292

# Square

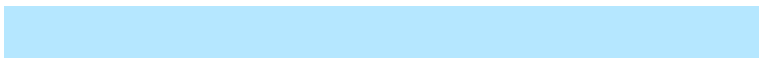
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6074, 75.1374, 52.6902



60.3514, 75.1374, 73.1309



68.3166, 75.1374, 120.0683



83.7561, 75.1374, 91.1540

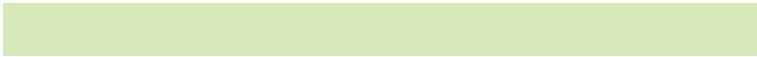


# Rectangle

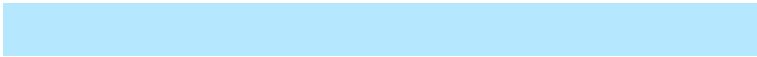
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6074, 75.1374, 52.6902



64.7039, 75.1374, 56.5545



68.3166, 75.1374, 120.0683



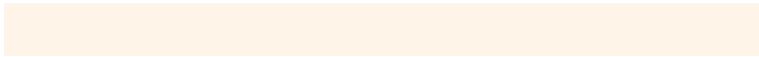
78.5766, 75.1374, 113.6517

# Sweetspot

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



74.6093, 75.1408, 52.6917



88.2451, 91.9541, 89.4791



69.4545, 58.0190, 71.9748



18.6651, 19.4146, 18.5270



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.



74.6093, 75.1408, 52.6917



71.4341, 71.0421, 44.6919



84.5655, 95.7518, 56.1453



18.8104, 19.5889, 18.9340



26.2853, 20.5817, 2.5873



2.6687, 2.2228, 0.2884

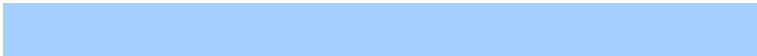


# Inverse Universe

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



60.4559, 64.7760, 103.9244



55.2937, 59.2246, 103.1249



52.6271, 48.6792, 101.2300



17.7030, 18.7777, 22.9414



13.0374, 10.9844, 50.8676



1.3776, 1.2858, 4.9889



# Previews

## White Background



This preview shows how the XYZ color 74.6074, 75.1374, 52.6902 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

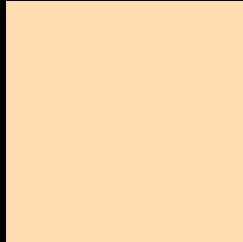
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 74.6074, 75.1374, 52.6902 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

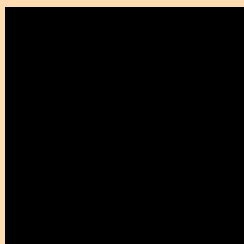
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 74.6074, 75.1374, 52.6902**

## **Background**



This preview shows how black text looks on a background with the XYZ color 74.6074, 75.1374, 52.6902.



This preview shows how white text looks on a background with the XYZ color 74.6074, 75.1374,



# 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

74.6074, 75.1374, 52.6902

### Protanopia

70.8623, 75.5373, 54.5614

### Deuteranopia

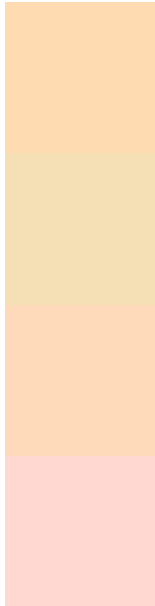
75.6057, 75.1205, 59.2301



## Tritanopia

79.2902, 74.9546, 83.6874

# Trichromacy



## Original Color

74.6074, 75.1374, 52.6902

## Protanomaly

72.2821, 75.4831, 53.9400

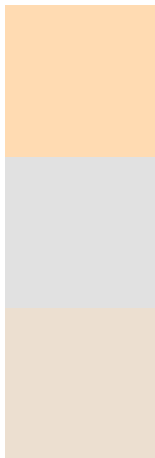
## Deuteranomaly

75.1743, 74.9480, 56.9587

## Tritanomaly

77.4287, 75.0249, 71.3731

# Monochromacy



## Original Color

74.6074, 75.1374, 52.6902

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

72.3649, 75.1623, 70.3682

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 74.6074, 75.1374, 52.6902 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, 219, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 178)  
}
```

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, 219, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 178) }
```

## Border

The CSS property to change the border of an element to XYZ 74.6074, 75.1374, 52.6902 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, 219, 178) }
```



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

```
.border{ border-color:rgb(255, 219, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
178) }
```

# Background

The CSS property to change the background color of an element to XYZ 74.6074, 75.1374, 52.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 178) }
```

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

```
.background{ background-color: rgb(255,  
219, 178) }
```

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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