

Converting Colors

XYZ(99.1274, 86.9867, 55.7549)

Have a look what the booklet for
XYZ(99.1274, 86.9867, 55.7549)
contains.

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Color

**XYZ(74.4964, 74.2631,
54.6638)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B6
RGB	255, 217, 182
RGB Percent	100%, 85%, 71%
CMY	0.0000, 0.1490, 0.2863
CMYK	0.00, 0.15, 0.29, 0.00
HSL	29°, 100%, 86%
HSV	29°, 29%, 100%
XYZ	74.4964, 74.2631, 54.6638
YIQ	224.3720, 33.8830, -2.8290

Conversions

Conversions Part 2

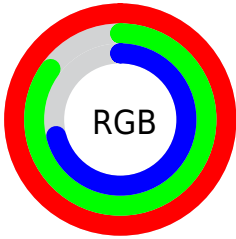
Format	Color
R _Y B	255, 249, 182
Decimal	16767414
CIE Lab	89.05, 8.21, 22.16
CIE LCh	89, 23.633, 69.661
Yxy	74.2631, 0.3662, 0.3651
Android (android.graphics.Color)	4294957494 (0xFFFFD9B6)
YUV	224.3720, -20.8894, 26.8608
Hunter-Lab	86.1760, 3.4994, 22.7140

Details

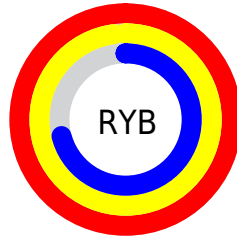
The XYZ color **74.4964, 74.2631, 54.6638** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.9339, 68.3493, 104.4835**, and the grayscale version is **71.2470, 74.9574, 81.6286**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **39.9087, 39.2960, 26.2503** is the 20% darker color. If you saturate the color by 10%, you get **68.8131, 66.7368, 40.9304**, and if you desaturate by 10%, it is **80.9383, 82.5383, 71.0192**.

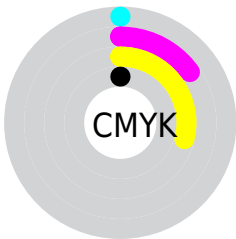
Distribution



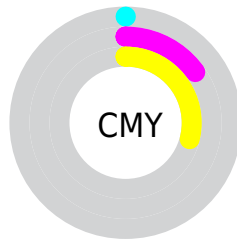
- Red (100%)
- Green (85%)
- Blue (71%)



- Red (100%)
- Yellow (98%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.4964, 74.2631, 54.6638 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 74.4964, 74.2631, 54.6638 by changing the saturation by 10% instead.


 74.4964, 74.2631,
54.6638

 74.4964, 74.2631,
54.6638

465.2087,
475.3809, 421.8822

 55.4931, 55.0094,
38.7358


 124.5910,
125.2687, 98.5144

 40.0321, 39.4093,
26.2480


156.4130,
157.7894, 127.2741

 27.7479, 27.0782,
16.7819


193.2386,
195.5012, 161.1482

 18.2752, 17.6320,
9.9188

235.4333,
238.7885, 200.5551

 11.2486, 10.6861,
5.2402

283.3622,
288.0358, 245.9134

 6.3028, 5.8562,
2.3277

337.3909,

 3.0725, 2.7578,

343.6273, 297.6417

0.7467

397.8846,
405.9476, 356.1584

■ 1.1922, 1.0066,
0.0000

■ 0.1002, 0.0000,
0.0000

■ 74.4964, 74.2631,
54.6638

■ 74.4964, 74.2631,
54.6638

■ 68.8131, 66.7368,
40.9304

■ 80.9383, 82.5383,
71.0192

■ 63.8506, 59.9261,
29.6750

■ 88.1638, 91.5745,
90.1211

■ 59.5754, 53.8097,
20.7466

95.0500, 100.0000,
108.9000

■ 55.9488, 48.3607,
13.9755

■ 52.9274, 43.5504,
9.1686

■ 50.4607, 39.3465,
6.0976

■ 48.4796, 35.7084,
4.4378

■ 48.2338, 35.2477,
4.2613

Harmonies

Analogous

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



79.4396, 74.2631, 62.2935



74.4964, 74.2631, 54.6638



68.7463, 74.2631, 53.4979

Triad

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



74.4964, 74.2631, 54.6638



60.2404, 74.2631, 86.2890



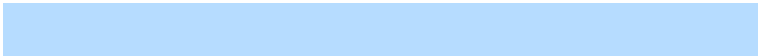
77.8764, 74.2631, 107.7568

Complementary

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



74.4964, 74.2631, 54.6638



62.9339, 68.3493, 104.4835

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.



72.4559, 74.2631, 116.2496



74.4964, 74.2631, 54.6638



62.4138, 74.2631, 102.7912

Square

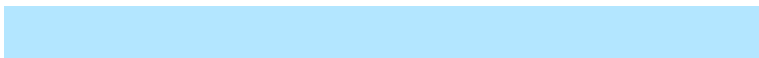
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4964, 74.2631, 54.6638



60.7206, 74.2631, 70.3497



66.8127, 74.2631, 114.3184



81.4634, 74.2631, 92.3680

Rectangle

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



74.4964, 74.2631, 54.6638



65.2555, 74.2631, 56.3556



66.8127, 74.2631, 114.3184



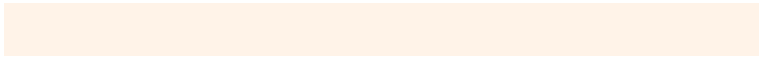
76.1967, 74.2631, 111.6016

Sweetspot

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



74.4982, 74.2664, 54.6653



87.8797, 91.2232, 89.3573



71.0107, 59.9336, 76.1863



18.5751, 19.2347, 18.4970



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.



74.4982, 74.2664, 54.6653



71.3516, 70.1298, 46.9683



84.6723, 94.6148, 58.0567



18.7280, 19.4243, 18.9065



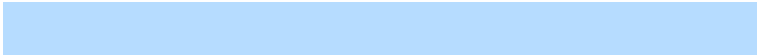
25.3508, 18.7128, 2.2758



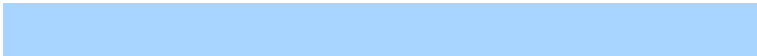
2.5770, 2.0393, 0.2578

Inverse Universe

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



62.9339, 68.3493, 104.4835



58.1637, 63.3805, 103.7758



54.5728, 51.6273, 101.6965



17.7852, 18.9421, 22.9687



13.9448, 12.7991, 51.1701



1.4672, 1.4651, 5.0187

Previews

White Background



This preview shows how the XYZ color 74.4964, 74.2631, 54.6638 looks on a white background.

Color Contrast Check

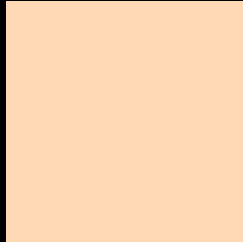
Large Text (above 18pt) WCAG AA × Fail

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 74.4964, 74.2631, 54.6638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

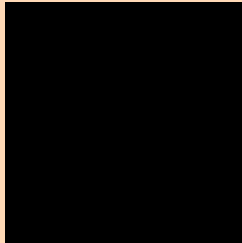
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4964, 74.2631, 54.6638

Background



This preview shows how black text looks on a background with the XYZ color 74.4964, 74.2631, 54.6638.



This preview shows how white text looks on a background with the XYZ color 74.4964, 74.2631,

54.6638.

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

74.4964, 74.2631, 54.6638

Protanopia

70.0697, 74.2827, 56.5439

Deuteranopia

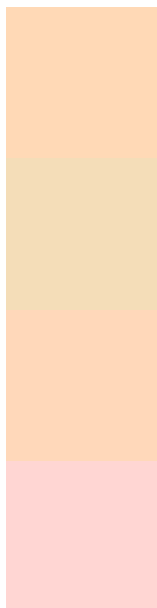
74.9812, 74.0459, 58.4845



Tritanopia

78.8994, 74.3946, 82.8742

Trichromacy



Original Color

74.4964, 74.2631, 54.6638

Protanomaly

71.8164, 74.4067, 55.9242

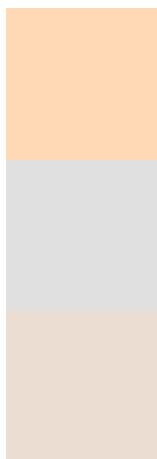
Deuteranomaly

74.6588, 73.9169, 56.7868

Tritanomaly

77.0444, 74.0563, 71.8616

Monochromacy



Original Color

74.4964, 74.2631, 54.6638

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.6260, 73.9785, 70.8258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4964, 74.2631, 54.6638 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, 217, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 182)  
}
```

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, 217, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 182) }
```

Border

The CSS property to change the border of an element to XYZ 74.4964, 74.2631, 54.6638 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, 217, 182) }
```


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

```
.border{ border-color:rgb(255, 217, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4964, 74.2631, 54.6638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 182) }
```

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

```
.background{ background-color: rgb(255,  
217, 182) }
```

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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