

Converting Colors

XYZ(74.6241, 74.7063, 54.1280)

Have a look what the booklet for XYZ(74.6241, 74.7063, 54.1280) contains.

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Color

**XYZ(74.6519, 74.7390,
54.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDAB5
RGB	255, 218, 181
RGB Percent	100%, 85%, 71%
CMY	0.0000, 0.1451, 0.2902
CMYK	0.00, 0.15, 0.29, 0.00
HSL	30°, 100%, 85%
HSV	30°, 29%, 100%
XYZ	74.6519, 74.7390, 54.2076
YIQ	224.8450, 33.9290, -3.6630

Conversions

Conversions Part 2

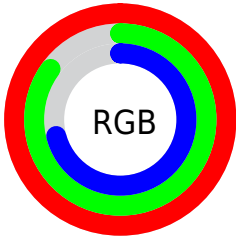
Format	Color
R _Y B	255, 255, 181
Decimal	16767669
CIE Lab	89.27, 7.57, 22.99
CIE LCh	89, 24.203, 71.775
Yxy	74.7390, 0.3667, 0.3671
Android (android.graphics.Color)	4294957749 (0xFFFFDAB5)
YUV	224.8450, -21.6156, 26.4459
Hunter-Lab	86.4517, 2.8460, 23.3397

Details

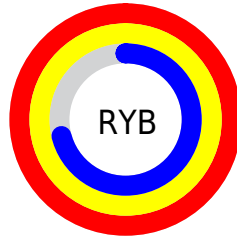
The XYZ color **74.6519, 74.7390, 54.2076** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.1768, 67.1845, 104.2986**, and the grayscale version is **71.5916, 75.3199, 82.0234**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **40.0194, 39.6232, 25.9609** is the 20% darker color. If you saturate the color by 10%, you get **69.0918, 67.4298, 40.6055**, and if you desaturate by 10%, it is **80.9489, 82.7552, 70.4196**.

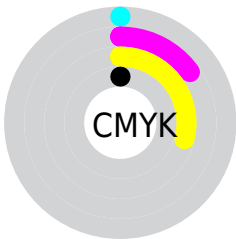
Distribution



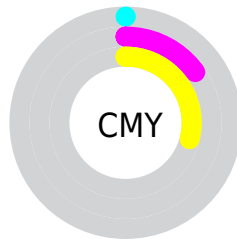
- Red (100%)
- Green (85%)
- Blue (71%)



- Red (100%)
- Yellow (100%)
- 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 74.6519, 74.7390, 54.2076 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 74.6519, 74.7390, 54.2076 by changing the saturation by 10% instead.


 74.6519, 74.7390,
54.2076

 74.6519, 74.7390,
54.2076


465.7359,
477.0200, 420.0981

 55.6209, 55.3991,
38.3734


 124.8100,
125.9428, 97.8385

 40.1349, 39.7213,
25.9685


156.6679,
158.5756, 126.4722

 27.8284, 27.3213,
16.5745


193.5321,
196.4080, 160.2094

 18.3361, 17.8147,
9.7729


235.7681,
239.8246, 199.4688

 11.2927, 10.8170,
5.1450

283.7410,
289.2097, 244.6688

 6.3328, 5.9439,
2.2724

337.8164,

 3.0911, 2.8110,

344.9477, 296.2280

0.7157

398.3596,
407.4230, 354.5649

■ 1.2021, 1.0339,
0.0000

■ 0.1080, 0.0000,
0.0000

■ 74.6519, 74.7390,
54.2076

■ 74.6519, 74.7390,
54.2076

■ 69.0918, 67.4298,
40.6055

■ 80.9489, 82.7552,
70.4196

■ 64.2312, 60.7954,
29.4691

■ 88.0070, 91.4888,
89.3660

■ 60.0375, 54.8162,
20.6470

95.0500, 100.0000,
108.9000

■ 56.4726, 49.4670,
13.9692

■ 53.4937, 44.7207,
9.2415

■ 51.0510, 40.5466,
6.2343

■ 49.0736, 36.9053,
4.6088

■ 48.8965, 36.5731,
4.4822

Harmonies

Analogous

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



79.8561, 74.7390, 61.5596



74.6519, 74.7390, 54.2076



68.7427, 74.7390, 53.4877

Triad

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



74.6519, 74.7390, 54.2076



60.4802, 74.7390, 88.2038



78.8823, 74.7390, 108.1507

Complementary

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



74.6519, 74.7390, 54.2076



62.1768, 67.1845, 104.2986

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.



73.3822, 74.7390, 117.5890



74.6519, 74.7390, 54.2076



62.8927, 74.7390, 105.0500

Square

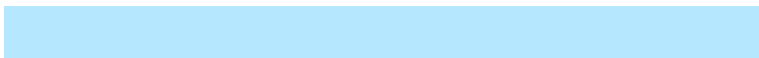
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.6519, 74.7390, 54.2076



60.7780, 74.7390, 71.6153



67.5411, 74.7390, 116.3815



82.3903, 74.7390, 91.9901

Rectangle

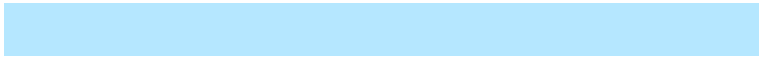
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.6519, 74.7390, 54.2076



65.2180, 74.7390, 56.7214



67.5411, 74.7390, 116.3815



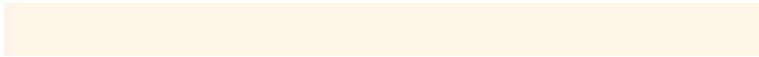
77.1926, 74.7390, 112.3095

Sweetspot

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



74.6537, 74.7424, 54.2091



88.0210, 91.5059, 89.4044



70.4193, 59.3705, 74.0785



18.6099, 19.3043, 18.5086



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.



74.6537, 74.7424, 54.2091



71.2409, 70.2858, 45.7680



85.3407, 96.1163, 57.7715



18.7599, 19.4879, 18.9171



25.6988, 19.4088, 2.3918



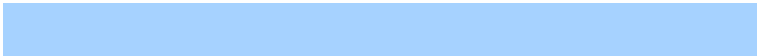
2.6114, 2.1082, 0.2693

Inverse Universe

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



62.1768, 67.1845, 104.2986



56.8612, 61.5753, 103.4961



53.6308, 50.0925, 101.4499



17.7533, 18.8782, 22.9581



13.5790, 12.0675, 51.0482



1.4313, 1.3934, 5.0068

Previews

White Background



This preview shows how the XYZ color 74.6519, 74.7390, 54.2076 looks on a white background.

Color Contrast Check

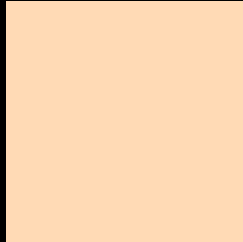
Large Text (above 18pt) WCAG AA × Fail

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 74.6519, 74.7390, 54.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

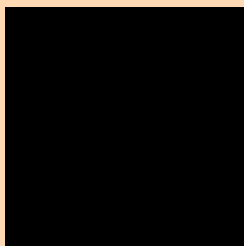
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6519, 74.7390, 54.2076

Background



This preview shows how black text looks on a background with the XYZ color 74.6519, 74.7390, 54.2076.



This preview shows how white text looks on a background with the XYZ color 74.6519, 74.7390,

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

74.6519, 74.7390, 54.2076

Protanopia

70.5673, 74.9491, 56.0947

Deuteranopia

75.3471, 74.6034, 59.1439



Tritanopia

79.1517, 74.8992, 82.9583

Trichromacy



Original Color

74.6519, 74.7390, 54.2076

Protanomaly

71.9767, 74.8945, 55.4623

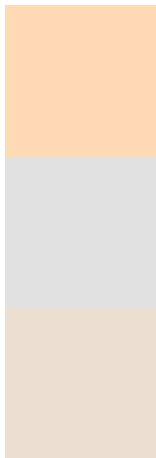
Deuteranomaly

75.0225, 74.4736, 57.4344

Tritanomaly

77.1733, 74.5140, 71.2879

Monochromacy



Original Color

74.6519, 74.7390, 54.2076

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2220, 74.6789, 70.9296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6519, 74.7390, 54.2076 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, 218, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 181)  
}
```

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, 218, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 181) }
```

Border

The CSS property to change the border of an element to XYZ 74.6519, 74.7390, 54.2076 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, 218, 181) }
```


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

```
.border{ border-color:rgb(255, 218, 181) }
```

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

Here you see how a box with a 4 pixel rgb(255, 218, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6519, 74.7390, 54.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 181) }
```

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

```
.background{ background-color: rgb(255,  
218, 181) }
```

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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