

Converting Colors

XYZ(75.8540, 77.0785, 54.8078)

Have a look what the booklet for
XYZ(75.8540, 77.0785, 54.8078)
contains.

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Color

**XYZ(75.7018, 76.8387,
54.5575)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDEB5
RGB	255, 222, 181
RGB Percent	100%, 87%, 71%
CMY	0.0000, 0.1294, 0.2902
CMYK	0.00, 0.13, 0.29, 0.00
HSL	33°, 100%, 85%
HSV	33°, 29%, 100%
XYZ	75.7018, 76.8387, 54.5575
YIQ	227.1930, 32.8290, -5.7550

Conversions

Conversions Part 2

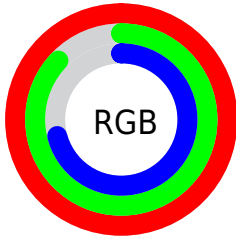
Format	Color
R _Y B	241, 255, 181
Decimal	16768693
CIE Lab	90.25, 5.51, 24.33
CIE LCh	90, 24.949, 77.236
Yxy	76.8387, 0.3655, 0.3710
Android (android.graphics.Color)	4294958773 (0xFFFFDEB5)
YUV	227.1930, -22.7731, 24.3867
Hunter-Lab	87.6577, 0.7529, 24.4587

Details

The XYZ color **75.7018, 76.8387, 54.5575** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.1520, 65.1349, 103.9570**, and the grayscale version is **73.2995, 77.1167, 83.9801**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **40.7410, 41.0663, 26.2014** is the 20% darker color. If you saturate the color by 10%, you get **70.4027, 70.0516, 41.0425**, and if you desaturate by 10%, it is **81.6871, 84.2316, 70.6657**.

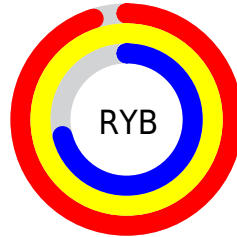
Distribution



Red (100%)

Green (87%)

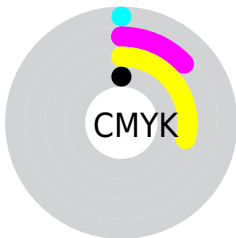
Blue (71%)



Red (95%)

Yellow (100%)

Blue (71%)

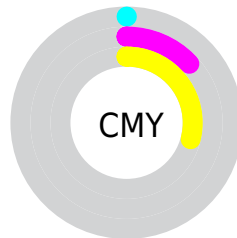


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7018, 76.8387, 54.5575 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 75.7018, 76.8387, 54.5575 by changing the saturation by 10% instead.


 75.7018, 76.8387,
54.5575

 75.7018, 76.8387,
54.5575

469.2864,
484.2139, 421.4669

 56.4842, 57.1205,
38.6513


 126.2879,
128.9118, 98.3570

 40.8298, 41.1020,
26.1829


158.3871,
162.0354, 127.0873

 28.3732, 28.3988,
16.7335


195.5110,
200.3963, 160.9296

 18.7491, 18.6265,
9.8847

238.0247,
244.3789, 200.3021

 11.5920, 11.4007,
5.2180

286.2938,
294.3676, 245.6236

 6.5367, 6.3370,
2.3148

340.6835,

 3.2178, 3.0511,

350.7467, 297.3126

0.7395

401.5593,
413.9007, 355.7875

■ 1.2700, 1.1585,
0.0000

■ 0.1606, 0.0274,
0.0000

■ 75.7018, 76.8387,
54.5575

■ 75.7018, 76.8387,
54.5575

■ 70.4027, 70.0516,
41.0425

■ 81.6871, 84.2316,
70.6657

■ 65.7542, 63.8414,
29.9768

■ 88.3813, 92.2374,
89.4907

■ 61.7255, 58.1921,
21.2097

95.0500, 100.0000,
108.9000

■ 58.2803, 53.0823,
14.5717

■ 55.3778, 48.4888,
9.8696

■ 52.9702, 44.3850,
6.8741

■ 50.9890, 40.7361,
5.2473

■ 50.8095, 40.3990,
5.1198

Harmonies

Analogous

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



81.4406, 76.8387, 60.9936



75.7018, 76.8387, 54.5575



69.5529, 76.8387, 55.0783

Triad

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



75.7018, 76.8387, 54.5575



62.2158, 76.8387, 94.2076



82.1509, 76.8387, 109.0868

Complementary

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



75.7018, 76.8387, 54.5575



61.1520, 65.1349, 103.9570

Split Complementary

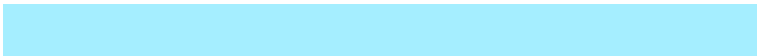
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6270, 76.8387, 120.7440



75.7018, 76.8387, 54.5575



65.2247, 76.8387, 111.3536

Square

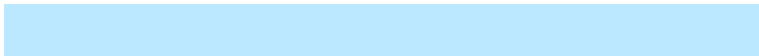
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7018, 76.8387, 54.5575



61.9994, 76.8387, 76.3369



70.4274, 76.8387, 121.6279



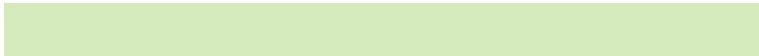
85.3034, 76.8387, 91.4461

Rectangle

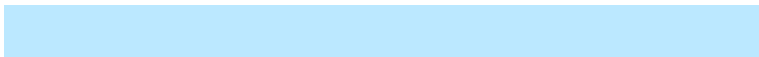
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7018, 76.8387, 54.5575



66.0459, 76.8387, 59.2932



70.4274, 76.8387, 121.6279



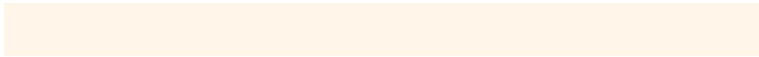
80.4961, 76.8387, 113.9373

Sweetspot

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



75.7036, 76.8421, 54.5591



88.3946, 92.2531, 89.5289



69.9403, 59.1790, 71.5565



18.7019, 19.4883, 18.5393



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.



75.7036, 76.8421, 54.5591



72.4529, 72.7098, 46.1720



83.9925, 95.4213, 57.7083



18.8441, 19.6563, 18.9452



26.7004, 21.4121, 2.7257



2.7088, 2.3029, 0.3017

Inverse Universe

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



61.1520, 65.1349, 103.9570



55.6853, 59.2235, 103.1041



54.5100, 50.5458, 101.4911



17.6697, 18.7111, 22.9303



12.7016, 10.3127, 50.7557



1.3437, 1.2181, 4.9776

Previews

White Background



This preview shows how the XYZ color 75.7018, 76.8387, 54.5575 looks on a white background.

Color Contrast Check

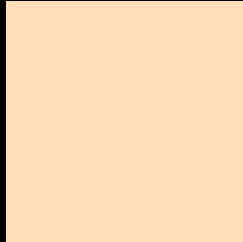
Large Text (above 18pt) WCAG AA × Fail

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 75.7018, 76.8387, 54.5575 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 75.7018, 76.8387, 54.5575

Background



This preview shows how black text looks on a background with the XYZ color 75.7018, 76.8387, 54.5575.



This preview shows how white text looks on a background with the XYZ color 75.7018, 76.8387,

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

75.7018, 76.8387, 54.5575

Protanopia

72.2920, 77.0578, 55.8632

Deuteranopia

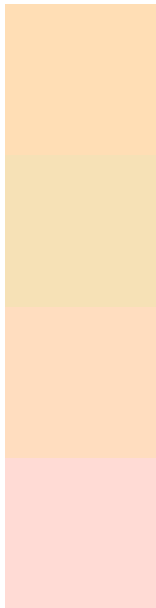
77.0603, 76.9584, 63.0175



Tritanopia

80.4767, 76.6552, 86.1557

Trichromacy



Original Color

75.7018, 76.8387, 54.5575

Protanomaly

73.3747, 76.8207, 55.2166

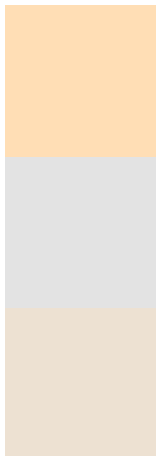
Deuteranomaly

76.5004, 76.7345, 60.0694

Tritanomaly

78.5818, 76.7271, 73.6189

Monochromacy



Original Color

75.7018, 76.8387, 54.5575

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4831, 76.5081, 71.8673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7018, 76.8387, 54.5575 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 181) }
```

Border

The CSS property to change the border of an element to XYZ 75.7018, 76.8387, 54.5575 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, 181) }
```


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

```
.border{ border-color:rgb(255, 222, 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, 222, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7018, 76.8387, 54.5575 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, 181) }
```

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

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