

Converting Colors

XYZ(79.3582, 78.3719, 59.0282)

Have a look what the booklet for
XYZ(79.3582, 78.3719, 59.0282)
contains.

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Color

**XYZ(76.2818, 76.6470,
58.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDBD
RGB	255, 221, 189
RGB Percent	100%, 87%, 74%
CMY	0.0000, 0.1333, 0.2588
CMYK	0.00, 0.13, 0.26, 0.00
HSL	29°, 100%, 87%
HSV	29°, 26%, 100%
XYZ	76.2818, 76.6470, 58.9180
YIQ	227.5180, 30.5360, -2.7440

Conversions

Conversions Part 2

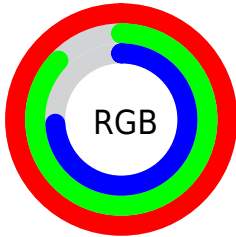
Format	Color
R _Y B	255, 251, 189
Decimal	16768445
CIE Lab	90.16, 7.07, 20.06
CIE LCh	90, 21.267, 70.572
Yxy	76.6470, 0.3601, 0.3618
Android (android.graphics.Color)	4294958525 (0xFFFFDDBD)
YUV	227.5180, -18.9894, 24.1017
Hunter-Lab	87.5483, 2.3196, 21.3830

Details

The XYZ color **76.2818, 76.6470, 58.9180** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.4232, 70.8121, 104.8277**, and the grayscale version is **73.5109, 77.3392, 84.2224**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **41.3689, 41.0558, 29.0367** is the 20% darker color. If you saturate the color by 10%, you get **70.4206, 68.9717, 44.4878**, and if you desaturate by 10%, it is **82.9047, 85.0664, 76.0048**.

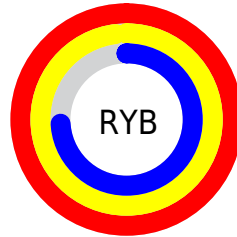
Distribution



Red (100%)

Green (87%)

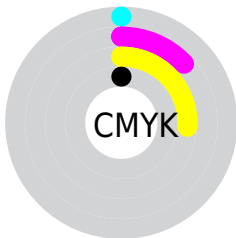
Blue (74%)



Red (100%)

Yellow (98%)

Blue (74%)

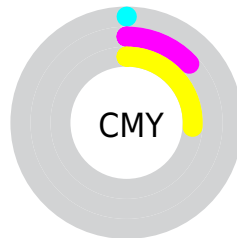


Cyan (0%)

Magenta (13%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (13%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2818, 76.6470, 58.9180 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 76.2818, 76.6470, 58.9180 by changing the saturation by 10% instead.

 76.2818, 76.6470,
58.9180

 76.2818, 76.6470,
58.9180


471.2414,
483.5596, 438.2914

 56.9615, 56.9632,
42.1275


 127.1034,
128.6411, 104.7864

 41.2143, 40.9757,
28.8749


159.3354,
161.7201, 134.7015

 28.6750, 28.3001,
18.7414


196.6020,
200.0330, 169.8285

 18.9781, 18.5520,
11.3087

239.2685,
243.9642, 210.5859

 11.7584, 11.3470,
6.1581

287.7004,
293.8981, 257.3924

 6.6504, 6.3007,
2.8711

342.2629,

 3.2888, 3.0288,

350.2190, 310.6664

1.0292

403.3215,
413.3114, 370.8266

■ 1.3083, 1.1468,
0.0000

■ 0.1894, 0.0176,
0.0000

■ 76.2818, 76.6470,
58.9180

■ 76.2818, 76.6470,
58.9180

■ 70.4206, 68.9717,
44.4878

■ 82.9047, 85.0664,
76.0048

■ 65.2839, 62.0077,
32.5733

■ 90.3133, 94.2412,
95.8698

■ 60.8395, 55.7347,
23.0274

95.0500, 100.0000,
108.9000

■ 57.0497, 50.1269,
15.6858

■ 53.8730, 45.1566,
10.3628

■ 51.2613, 40.7930,
6.8413

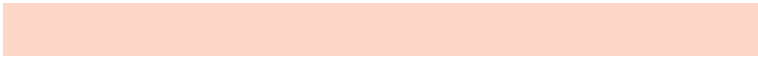
■ 49.1565, 37.0009,
4.8528

■ 48.4047, 35.5894,
4.3182

Harmonies

Analogous

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



80.8418, 76.6470, 65.9290



76.2818, 76.6470, 58.9180



71.0029, 76.6470, 58.0010

Triad

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



76.2818, 76.6470, 58.9180



63.3149, 76.6470, 88.9073



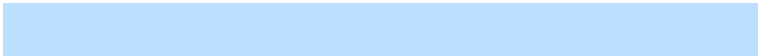
79.6588, 76.6470, 107.5598

Complementary

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



76.2818, 76.6470, 58.9180



65.4232, 70.8121, 104.8277

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.



74.7302, 76.6470, 115.4426



76.2818, 76.6470, 58.9180



65.4043, 76.6470, 103.8417

Square

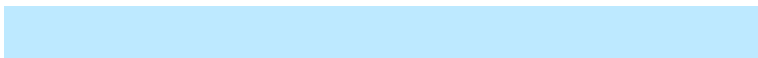
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2818, 76.6470, 58.9180



63.6853, 76.6470, 74.1486



69.5240, 76.6470, 114.0052



82.8557, 76.6470, 93.5105

Rectangle

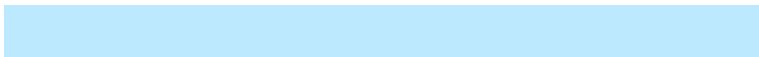
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2818, 76.6470, 58.9180



67.8056, 76.6470, 60.8312



69.5240, 76.6470, 114.0052



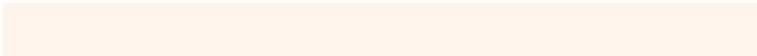
78.1400, 76.6470, 111.0912

Sweetspot

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



76.2836, 76.6504, 58.9196



88.6767, 92.2332, 91.4236



72.7709, 62.9891, 78.2061



18.7364, 19.4410, 18.9093



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.



76.2836, 76.6504, 58.9196



73.1899, 72.6294, 51.2097



85.8356, 95.7544, 62.1036



18.7364, 19.4410, 18.9093



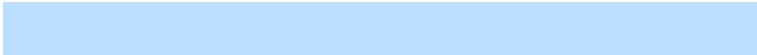
25.4406, 18.8924, 2.3057



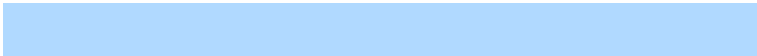
2.5859, 2.0571, 0.2608

Inverse Universe

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



65.4232, 70.8121, 104.8277



60.6701, 65.8982, 104.1297



57.4722, 54.9101, 102.1773



17.7768, 18.9252, 22.9659



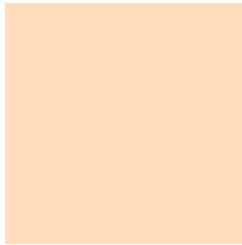
13.8468, 12.6032, 51.1374



1.4576, 1.4459, 5.0155

Previews

White Background



This preview shows how the XYZ color 76.2818, 76.6470, 58.9180 looks on a white background.

Color Contrast Check

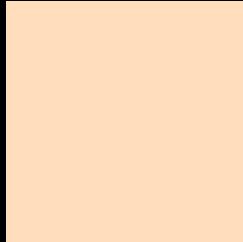
Large Text (above 18pt) WCAG AA × Fail

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 76.2818, 76.6470, 58.9180 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 76.2818, 76.6470, 58.9180

Background



This preview shows how black text looks on a background with the XYZ color 76.2818, 76.6470, 58.9180.



This preview shows how white text looks on a background with the XYZ color 76.2818, 76.6470,

58.9180.

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

76.2818, 76.6470, 58.9180

Protanopia

72.3074, 76.5492, 60.8336

Deuteranopia

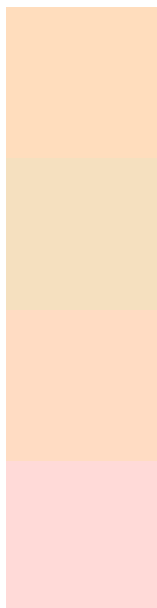
77.0262, 76.5236, 64.1369



Tritanopia

80.4767, 76.6552, 86.1557

Trichromacy



Original Color

76.2818, 76.6470, 58.9180

Protanomaly

73.7158, 76.4854, 60.1681

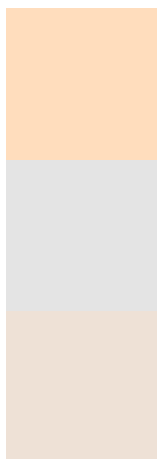
Deuteranomaly

76.6835, 76.3865, 62.3322

Tritanomaly

78.7061, 76.3607, 75.5566

Monochromacy



Original Color

76.2818, 76.6470, 58.9180

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.3227, 76.8826, 74.5409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2818, 76.6470, 58.9180 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, 221, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 189)  
}
```

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, 221, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 189) }
```

Border

The CSS property to change the border of an element to XYZ 76.2818, 76.6470, 58.9180 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, 221, 189) }
```


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

```
.border{ border-color:rgb(255, 221, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2818, 76.6470, 58.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 189) }
```

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

```
.background{ background-color: rgb(255,  
221, 189) }
```

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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