

Converting Colors

XYZ(77.7480, 75.5704, 58.8233)

Have a look what the booklet for
XYZ(77.7480, 75.5704, 58.8233)
contains.

XYZ(74.9812, 74.0459, 58.4845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.9812, 74.0459,
58.4845)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8BD
RGB	255, 216, 189
RGB Percent	100%, 85%, 74%
CMY	0.0000, 0.1529, 0.2588
CMYK	0.00, 0.15, 0.26, 0.00
HSL	25°, 100%, 87%
HSV	25°, 26%, 100%
XYZ	74.9812, 74.0459, 58.4845
YIQ	224.5830, 31.9110, -0.1290

Conversions

Conversions Part 2

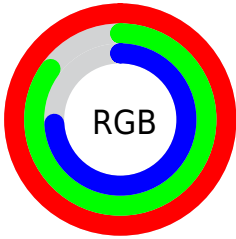
Format	Color
R _Y B	255, 235, 189
Decimal	16767165
CIE Lab	88.94, 9.65, 18.36
CIE LCh	89, 20.745, 62.267
Yxy	74.0459, 0.3613, 0.3568
Android (android.graphics.Color)	4294957245 (0xFFFFD8BD)
YUV	224.5830, -17.5424, 26.6757
Hunter-Lab	86.0499, 4.9519, 19.9380

Details

The XYZ color **74.9812, 74.0459, 58.4845** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.7788, 73.5233, 105.2795**, and the grayscale version is **71.3761, 75.0933, 81.7766**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **40.2148, 39.1376, 28.7273** is the 20% darker color. If you saturate the color by 10%, you get **68.7686, 65.6678, 43.9372**, and if you desaturate by 10%, it is **82.0380, 83.3332, 75.7159**.

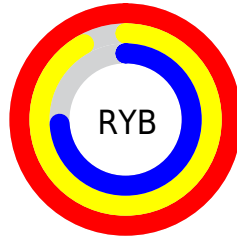
Distribution



Red (100%)

Green (85%)

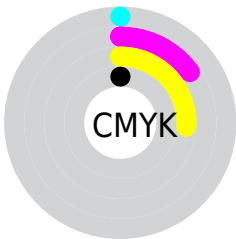
Blue (74%)



Red (100%)

Yellow (92%)

Blue (74%)

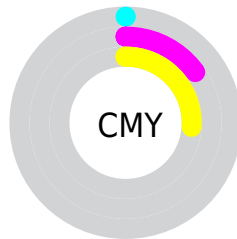


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9812, 74.0459, 58.4845 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 74.9812, 74.0459, 58.4845 by changing the saturation by 10% instead.

 74.9812, 74.0459,
58.4845

 74.9812, 74.0459,
58.4845


466.8511,
474.6318, 436.6374

 55.8916, 54.8316,
41.7810


 125.2738,
124.9609, 104.1498

 40.3527, 39.2669,
28.6056


157.2075,
157.4303, 133.9487

 27.9991, 26.9674,
18.5396


194.1533,
195.0870, 168.9498

 18.4654, 17.5488,
11.1647

236.4766,
238.3152, 209.5717

 11.3863, 10.6265,
6.0621

284.5426,
287.4994, 256.2328

 6.3965, 5.8163,
2.8135

338.7168,

 3.1306, 2.7337,

343.0240, 309.3518

1.0002

399.3645,
405.2733, 369.3472

■ 1.2232, 0.9943,
0.0000

■ 0.1246, 0.0000,
0.0000

■ 74.9812, 74.0459,
58.4845

■ 74.9812, 74.0459,
58.4845

■ 68.7686, 65.6678,
43.9372

■ 82.0380, 83.3332,
75.7159

■ 63.3600, 58.1598,
31.9320

■ 89.9664, 93.5473,
95.7542

■ 58.7193, 51.4944,
22.3207

95.0500, 100.0000,
108.9000

■ 54.8056, 45.6386,
14.9378

■ 51.5730, 40.5566,
9.5961

■ 48.9695, 36.2095,
6.0774

■ 46.9323, 32.5526,
4.1114

■ 46.2245, 31.2290,
3.5915

Harmonies

Analogous

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



78.8876, 74.0459, 66.7063



74.9812, 74.0459, 58.4845



69.9961, 74.0459, 55.9672

Triad

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



74.9812, 74.0459, 58.4845



61.1397, 74.0459, 81.7254



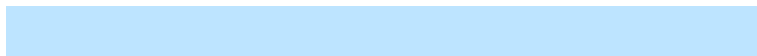
75.6754, 74.0459, 106.4187

Complementary

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



74.9812, 74.0459, 58.4845



66.7788, 73.5233, 105.2795

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.



70.7621, 74.0459, 111.6286



74.9812, 74.0459, 58.4845



62.5042, 74.0459, 96.3528

Square

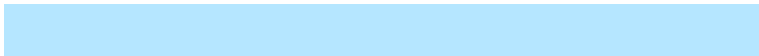
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9812, 74.0459, 58.4845



62.1510, 74.0459, 68.3950



65.9679, 74.0459, 107.7442



79.3016, 74.0459, 94.2288

Rectangle

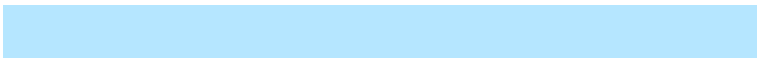
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9812, 74.0459, 58.4845



66.7727, 74.0459, 57.5869



65.9679, 74.0459, 107.7442



74.1116, 74.0459, 109.1058

Sweetspot

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



74.9830, 74.0492, 58.4860



88.2124, 91.3046, 91.2689



73.5251, 63.2908, 82.1779



18.6197, 19.2076, 18.8704



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.



74.9830, 74.0492, 58.4860



71.6994, 69.6484, 50.7129



84.1161, 92.3153, 61.5304



18.6197, 19.2076, 18.8704



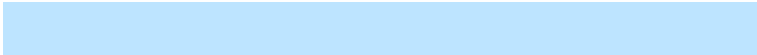
24.2913, 16.5938, 1.9226



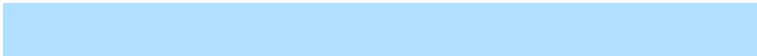
2.4694, 1.8242, 0.2219

Inverse Universe

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



66.7788, 73.5233, 105.2795



62.2388, 69.0354, 104.6526



58.6869, 57.3394, 102.5822



17.8952, 19.1620, 23.0054



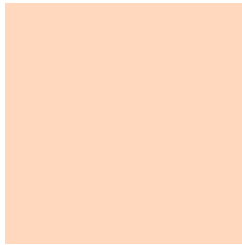
15.3362, 15.5819, 51.6339



1.6008, 1.7322, 5.0633

Previews

White Background



This preview shows how the XYZ color 74.9812, 74.0459, 58.4845 looks on a white background.

Color Contrast Check

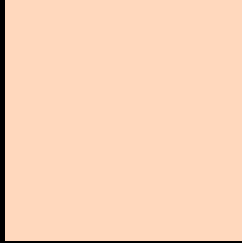
Large Text (above 18pt) WCAG AA × Fail

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 74.9812, 74.0459, 58.4845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

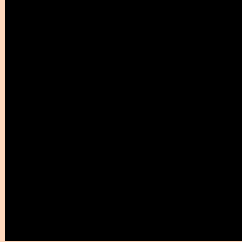
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9812, 74.0459, 58.4845

Background



This preview shows how black text looks on a background with the XYZ color 74.9812, 74.0459, 58.4845.



This preview shows how white text looks on a background with the XYZ color 74.9812, 74.0459,

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

74.9812, 74.0459, 58.4845

Protanopia

70.1631, 74.2433, 60.5016

Deuteranopia

75.3103, 74.1775, 60.2176



Tritanopia

78.5110, 73.8380, 82.0657

Trichromacy



Original Color

74.9812, 74.0459, 58.4845

Protanomaly

71.6151, 73.8252, 59.7654

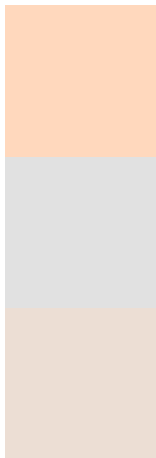
Deuteranomaly

75.1998, 74.1333, 59.6359

Tritanomaly

77.0445, 73.6526, 73.1065

Monochromacy



Original Color

74.9812, 74.0459, 58.4845

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5970, 74.8289, 72.9045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9812, 74.0459, 58.4845 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, 216, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 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, 216, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 189) }
```

Border

The CSS property to change the border of an element to XYZ 74.9812, 74.0459, 58.4845 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, 216, 189) }
```


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

```
.border{ border-color:rgb(255, 216, 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, 216, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9812, 74.0459, 58.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 189) }
```

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

```
.background{ background-color: rgb(255,  
216, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor