

Converting Colors

XYZ(124.2417, 100.0000,
59.4580)

Have a look what the booklet for
XYZ(124.2417, 100.0000, 59.4580)
contains.

XYZ(74.9158, 74.4309, 56.8725)	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(74.9158, 74.4309,
56.8725)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9BA
RGB	255, 217, 186
RGB Percent	100%, 85%, 73%
CMY	0.0000, 0.1490, 0.2706
CMYK	0.00, 0.15, 0.27, 0.00
HSL	27°, 100%, 86%
HSV	27°, 27%, 100%
XYZ	74.9158, 74.4309, 56.8725
YIQ	224.8280, 32.5990, -1.5850

Conversions

Conversions Part 2

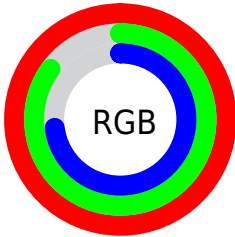
Format	Color
R _Y B	255, 242, 186
Decimal	16767418
CIE Lab	89.13, 8.74, 20.18
CIE LCh	89, 21.993, 66.593
Yxy	74.4309, 0.3633, 0.3609
Android (android.graphics.Color)	4294957498 (0xFFFFD9BA)
YUV	224.8280, -19.1422, 26.4608
Hunter-Lab	86.2733, 4.0228, 21.3066

Details

The XYZ color **74.9158, 74.4309, 56.8725** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.9546, 70.9682, 104.8825**, and the grayscale version is **71.5628, 75.2897, 81.9904**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **40.1799, 39.4044, 27.6784** is the 20% darker color. If you saturate the color by 10%, you get **68.9768, 66.5110, 42.6907**, and if you desaturate by 10%, it is **81.6502, 83.1670, 73.7078**.

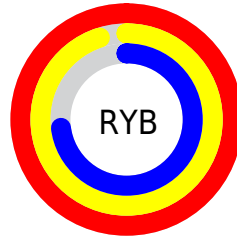
Distribution



Red (100%)

Green (85%)

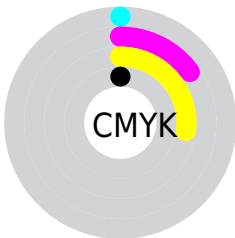
Blue (73%)



Red (100%)

Yellow (95%)

Blue (73%)

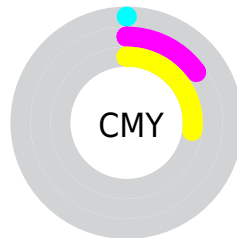


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9158, 74.4309, 56.8725 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 74.9158, 74.4309, 56.8725 by changing the saturation by 10% instead.


 74.9158, 74.4309,
56.8725

 74.9158, 74.4309,
56.8725


466.6298,
475.9592, 430.4517

 55.8378, 55.1468,
40.4942


 125.1817,
125.5064, 101.7776

 40.3094, 39.5193,
27.6074


157.1004,
158.0667, 131.1415

 27.9652, 27.1639,
17.7934


194.0300,
195.8211, 165.6710

 18.4397, 17.6964,
10.6339

236.3359,
239.1540, 205.7847

 11.3677, 10.7322,
5.7102

284.3835,
288.4499, 251.9011

 6.3839, 5.8871,
2.6037

338.5381,

 3.1227, 2.7765,

344.0931, 304.4387

0.8944

399.1651,
406.4681, 363.8160

■ 1.2190, 1.0162,
0.0000

■ 0.1213, 0.0000,
0.0000

■ 74.9158, 74.4309,
56.8725

■ 74.9158, 74.4309,
56.8725

■ 68.9768, 66.5110,
42.6907

■ 81.6502, 83.1670,
73.7078

■ 63.7944, 59.3716,
31.0199

■ 89.2058, 92.7334,
93.3198

■ 59.3344, 52.9890,
21.7107

95.0500, 100.0000,
108.9000

■ 55.5573, 47.3341,
14.5961

■ 52.4190, 42.3756,
9.4868

■ 49.8689, 38.0785,
6.1605

■ 47.8442, 34.4026,
4.3341

■ 47.3235, 33.4271,
3.9578

Harmonies

Analogous

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



79.3412, 74.4309, 64.6979



74.9158, 74.4309, 56.8725



69.5682, 74.4309, 55.1276

Triad

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



74.9158, 74.4309, 56.8725



60.9972, 74.4309, 84.4772



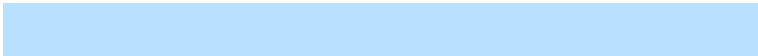
77.0643, 74.4309, 107.1107

Complementary

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



74.9158, 74.4309, 56.8725



64.9546, 70.9682, 104.8825

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.



71.9336, 74.4309, 114.0223



74.9158, 74.4309, 56.8725



62.7921, 74.4309, 99.9314

Square

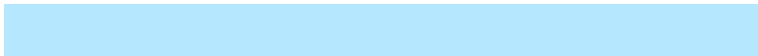
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9158, 74.4309, 56.8725



61.7061, 74.4309, 69.8791



66.7307, 74.4309, 111.2419



80.6247, 74.4309, 93.3359

Rectangle

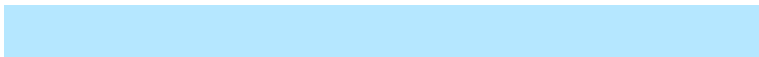
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9158, 74.4309, 56.8725



66.2327, 74.4309, 57.4217



66.7307, 74.4309, 111.2419



75.4564, 74.4309, 110.3879

Sweetspot

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



74.9176, 74.4342, 56.8740



88.4582, 91.7962, 91.3508



72.4036, 61.8203, 79.4227



18.6815, 19.3311, 18.8910



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.



74.9176, 74.4342, 56.8740



71.8848, 70.4190, 49.5419



84.4132, 93.4254, 60.0392



18.6815, 19.3311, 18.8910



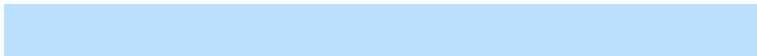
24.8717, 17.7546, 2.1161



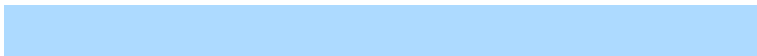
2.5289, 1.9431, 0.2418

Inverse Universe

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



64.9546, 70.9682, 104.8825



60.5300, 66.4655, 104.2466



56.8442, 54.7474, 102.1790



17.8323, 19.0361, 22.9844



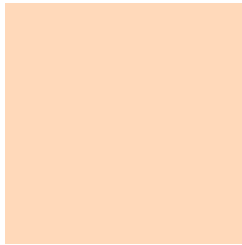
14.5148, 13.9393, 51.3601



1.5224, 1.5755, 5.0371

Previews

White Background



This preview shows how the XYZ color 74.9158, 74.4309, 56.8725 looks on a white background.

Color Contrast Check

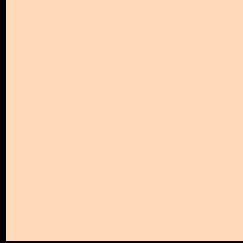
Large Text (above 18pt) WCAG AA × Fail

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 74.9158, 74.4309, 56.8725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

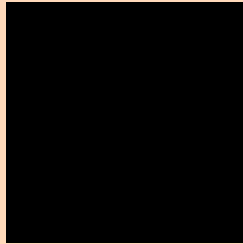
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9158, 74.4309, 56.8725

Background



This preview shows how black text looks on a background with the XYZ color 74.9158, 74.4309, 56.8725.



This preview shows how white text looks on a background with the XYZ color 74.9158, 74.4309,

56.8725.

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

74.9158, 74.4309, 56.8725

Protanopia

70.4330, 74.8183, 58.8733

Deuteranopia

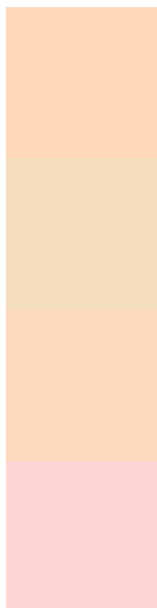
75.4568, 74.6473, 59.7216



Tritanopia

78.8994, 74.3946, 82.8742

Trichromacy



Original Color

74.9158, 74.4309, 56.8725

Protanomaly

71.8957, 74.3984, 58.1480

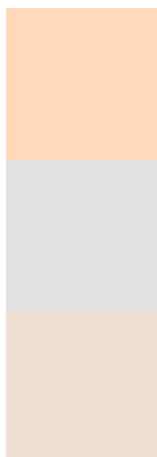
Deuteranomaly

75.2382, 74.5598, 58.5701

Tritanomaly

77.1702, 74.1066, 72.5240

Monochromacy



Original Color

74.9158, 74.4309, 56.8725

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.4712, 74.7786, 72.2421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9158, 74.4309, 56.8725 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 186) }
```

Border

The CSS property to change the border of an element to XYZ 74.9158, 74.4309, 56.8725 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, 186) }
```


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

```
.border{ border-color:rgb(255, 217, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9158, 74.4309, 56.8725 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
217, 186) }
```

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