

# Converting Colors

XYZ(191.3875, 134.7903,  
63.4710)

Have a look what the booklet for  
XYZ(191.3875, 134.7903, 63.4710)  
contains.

<b>XYZ(75.3885, 75.0336, 58.0865)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(75.3885, 75.0336,  
58.0865)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDABC
RGB	255, 218, 188
RGB Percent	100%, 85%, 74%
CMY	0.0000, 0.1451, 0.2627
CMYK	0.00, 0.15, 0.26, 0.00
HSL	27°, 100%, 87%
HSV	27°, 26%, 100%
XYZ	75.3885, 75.0336, 58.0865
YIQ	225.6430, 31.6820, -1.4860

# Conversions

## Conversions Part 2

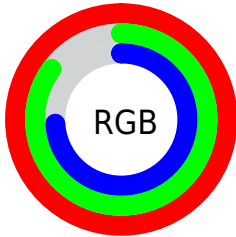
Format	Color
R <sub>Y</sub> B	255, 242, 188
Decimal	16767676
CIE Lab	89.41, 8.49, 19.53
CIE LCh	89, 21.297, 66.516
Yxy	75.0336, 0.3616, 0.3599
Android (android.graphics.Color)	4294957756 (0xFFFFDABC)
YUV	225.6430, -18.5580, 25.7461
Hunter-Lab	86.6219, 3.7631, 20.8770

# Details

The XYZ color **75.3885, 75.0336, 58.0865** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.7135, 71.7596, 104.9953**, and the grayscale version is **72.1462, 75.9034, 82.6588**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **40.4963, 39.8140, 28.4721** is the 20% darker color. If you saturate the color by 10%, you get **69.3816, 67.0371, 43.6994**, and if you desaturate by 10%, it is **82.1950, 83.8515, 75.1380**.

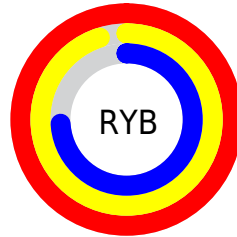
# Distribution



Red (100%)

Green (85%)

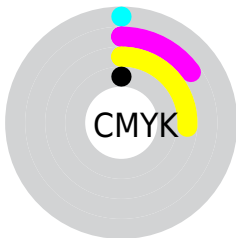
Blue (74%)



Red (100%)

Yellow (95%)

Blue (74%)

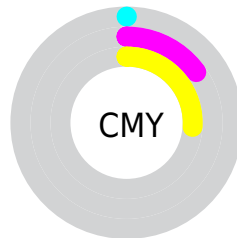


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3885, 75.0336, 58.0865 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 75.3885, 75.0336, 58.0865 by changing the saturation by 10% instead.





 75.3885, 75.0336,  
58.0865

 75.3885, 75.0336,  
58.0865


468.2285,  
478.0330, 435.1154

 56.2265, 55.6404,  
41.4630


 125.8471,  
126.3599, 103.5648

 40.6223, 39.9147,  
28.3586


157.8745,  
159.0619, 133.2568

 28.2104, 27.4720,  
18.3548


194.9210,  
196.9688, 168.1420

 18.6256, 17.9281,  
11.0329

237.3520,  
240.4652, 208.6389

 11.5025, 10.8983,  
5.9745

285.5329,  
289.9355, 255.1662

 6.4756, 5.9985,  
2.7611

339.8291,

 3.1798, 2.8442,

345.7639, 308.1424

0.9740

400.6058,  
408.3350, 367.9859

■ 1.2495, 1.0509,  
0.0000

■ 0.1450, 0.0000,  
0.0000

■ 75.3885, 75.0336,  
58.0865

■ 75.3885, 75.0336,  
58.0865

■ 69.3816, 67.0371,  
43.6994

■ 82.1950, 83.8515,  
75.1380

■ 64.1356, 59.8264,  
31.8349

■ 89.8267, 93.5049,  
94.9766

■ 59.6164, 53.3777,  
22.3450

95.0500, 100.0000,  
108.9000

■ 55.7848, 47.6620,  
15.0640

■ 52.5971, 42.6479,  
9.8045

■ 50.0031, 38.3007,  
6.3476

■ 47.9420, 34.5808,  
4.4208

■ 47.2798, 33.3396,  
3.9433

# Harmonies

## Analogous

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



79.6844, 75.0336, 65.7724



75.3885, 75.0336, 58.0865



70.1851, 75.0336, 56.3568

# Triad

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



75.3885, 75.0336, 58.0865



61.8103, 75.0336, 85.0019



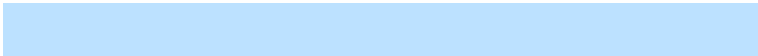
77.4527, 75.0336, 107.0235

# Complementary

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



75.3885, 75.0336, 58.0865



65.7135, 71.7596, 104.9953

# 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.



72.4614, 75.0336, 113.6853



75.3885, 75.0336, 58.0865



63.5572, 75.0336, 100.0087

# Square

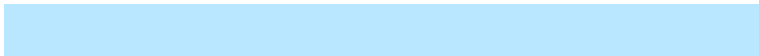
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3885, 75.0336, 58.0865



62.5091, 75.0336, 70.7801



67.3952, 75.0336, 110.9735



80.9162, 75.0336, 93.6864



# Rectangle

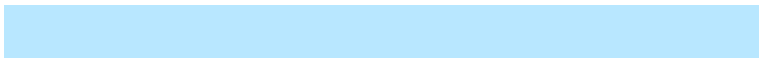
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3885, 75.0336, 58.0865



66.9330, 75.0336, 58.5998



67.3952, 75.0336, 110.9735



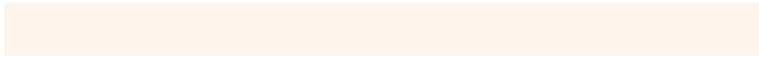
75.8888, 75.0336, 110.1874

# Sweetspot

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



75.3903, 75.0370, 58.0880



88.4489, 91.7776, 91.3477



72.9466, 62.7164, 80.1889



18.6791, 19.3264, 18.8902



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.



75.3903, 75.0370, 58.0880



71.8543, 70.3580, 49.5317



84.6689, 93.5941, 61.1809



18.6791, 19.3264, 18.8902



24.8486, 17.7085, 2.1084

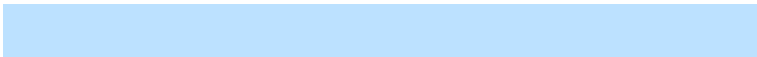


2.5265, 1.9384, 0.2410

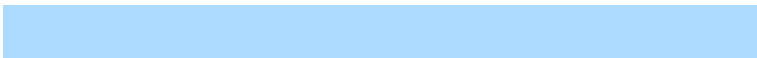


# Inverse Universe

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



65.7135, 71.7596, 104.9953



60.5621, 66.5297, 104.2573



57.7421, 55.8169, 102.3381



17.8346, 19.0409, 22.9852



14.5445, 13.9986, 51.3700



1.5253, 1.5812, 5.0381



# Previews

## White Background



This preview shows how the XYZ color 75.3885, 75.0336, 58.0865 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

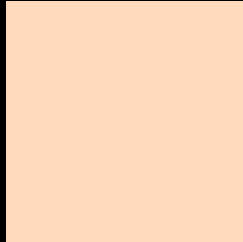
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 75.3885, 75.0336, 58.0865 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

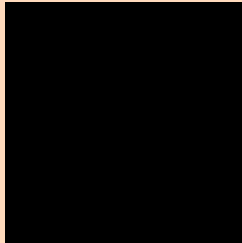
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 75.3885, 75.0336, 58.0865**

## **Background**



This preview shows how black text looks on a background with the XYZ color 75.3885, 75.0336, 58.0865.



This preview shows how white text looks on a background with the XYZ color 75.3885, 75.0336,

58.0865.

# 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

75.3885, 75.0336, 58.0865

### Protanopia

70.9847, 75.0774, 60.0403

### Deuteranopia

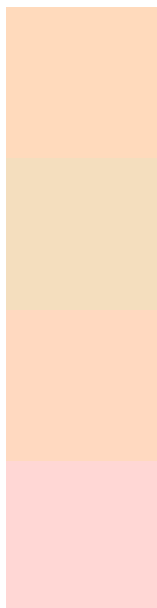
75.7905, 74.7808, 61.4785



## Tritanopia

79.2902, 74.9546, 83.6874

# Trichromacy



## Original Color

75.3885, 75.0336, 58.0865

## Protanomaly

72.7238, 75.1934, 59.3960

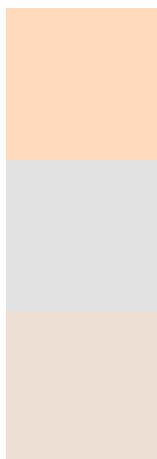
## Deuteranomaly

75.5673, 74.6915, 60.3032

## Tritanomaly

77.5507, 74.6650, 73.2752

# Monochromacy



## Original Color

75.3885, 75.0336, 58.0865

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

73.1964, 75.5333, 73.0089

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.3885, 75.0336, 58.0865 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 188) }
```

## Border

The CSS property to change the border of an element to XYZ 75.3885, 75.0336, 58.0865 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, 188) }
```



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

```
.border{ border-color:rgb(255, 218, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
188) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.3885, 75.0336, 58.0865 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
218, 188) }
```

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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