

# Converting Colors

XYZ(75.1110, 75.3352, 55.3536)

Have a look what the booklet for  
XYZ(75.1110, 75.3352, 55.3536)  
contains.

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# Color

**XYZ(75.1188, 75.3419,  
55.3830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDBB7
RGB	255, 219, 183
RGB Percent	100%, 86%, 72%
CMY	0.0000, 0.1412, 0.2823
CMYK	0.00, 0.14, 0.28, 0.00
HSL	30°, 100%, 86%
HSV	30°, 28%, 100%
XYZ	75.1188, 75.3419, 55.3830
YIQ	225.6600, 33.0120, -3.5640

# Conversions

## Conversions Part 2

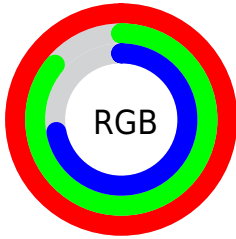
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 255, 183
Decimal	16767927
CIE <sub>Lab</sub>	89.55, 7.31, 22.34
CIE <sub>LCh</sub>	90, 23.504, 71.874
Yxy	75.3419, 0.3649, 0.3660
Android (android.graphics.Color)	4294958007 (0xFFFFDDB7)
YUV	225.6600, -21.0314, 25.7312
Hunter-Lab	86.7997, 2.5792, 22.9295

# Details

The XYZ color **75.1188, 75.3419, 55.3830** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.9092, 67.9482, 104.4074**, and the grayscale version is **72.1751, 75.9338, 82.6919**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **40.3307, 40.0329, 26.7206** is the 20% darker color. If you saturate the color by 10%, you get **69.5022, 67.9785, 41.5814**, and if you desaturate by 10%, it is **81.4745, 83.4138, 71.8050**.

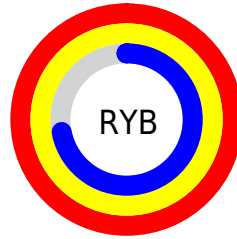
# Distribution



Red (100%)

Green (86%)

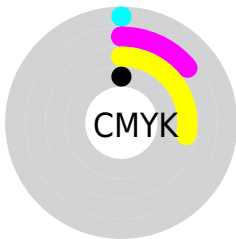
Blue (72%)



Red (100%)

Yellow (100%)

Blue (72%)

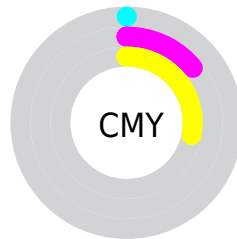


Cyan (0%)

Magenta (14%)

Yellow (28%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 75.1188, 75.3419, 55.3830 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 75.1188, 75.3419, 55.3830 by changing the saturation by 10% instead.



 75.1188, 75.3419,  
55.3830

 75.1188, 75.3419,  
55.3830

467.3167,  
479.0919, 424.6849

 56.0047, 55.8930,  
39.3078


 125.4675,  
126.7962, 99.5787

 40.4437, 40.1172,  
26.6896


157.4329,  
159.5705, 128.5362

 28.0704, 27.6299,  
17.1098


194.4127,  
197.5553, 162.6249

 18.5195, 18.0469,  
10.1501

236.7724,  
241.1351, 202.2633

 11.4255, 10.9836,  
5.3917

284.8773,  
290.6942, 247.8699

 6.4232, 6.0558,  
2.4161

339.0928,

 3.1472, 2.8791,

346.6172, 299.8634

0.7952

399.7841,  
409.2883, 358.6622

■ 1.2321, 1.0689,  
0.0000

■ 0.1315, 0.0000,  
0.0000

■ 75.1188, 75.3419,  
55.3830

■ 75.1188, 75.3419,  
55.3830

■ 69.5022, 67.9785,  
41.5814

■ 81.4745, 83.4138,  
71.8050

■ 64.5879, 61.2918,  
30.2568

■ 88.5936, 92.2048,  
90.9712

■ 60.3432, 55.2621,  
21.2591

95.0500, 100.0000,  
108.9000

■ 56.7304, 49.8645,  
14.4197

■ 53.7073, 45.0719,  
9.5469

■ 51.2246, 40.8541,  
6.4142

■ 49.2167, 37.1739,  
4.7105

■ 48.8966, 36.5731,  
4.4822

# Harmonies

## Analogous

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



80.1962, 75.3419, 62.5947



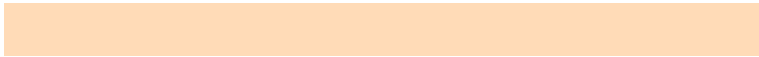
75.1188, 75.3419, 55.3830



69.3508, 75.3419, 54.6954

# Triad

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



75.1188, 75.3419, 55.3830



61.2891, 75.3419, 88.7499



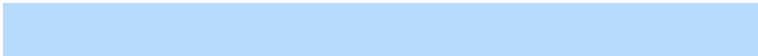
79.2767, 75.3419, 108.0511

# Complementary

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



75.1188, 75.3419, 55.3830



62.9092, 67.9482, 104.4074

# Split Complementary

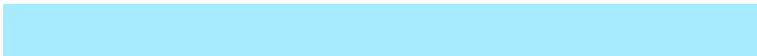
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9182, 75.3419, 117.2363



75.1188, 75.3419, 55.3830



63.6600, 75.3419, 105.1324

# Square

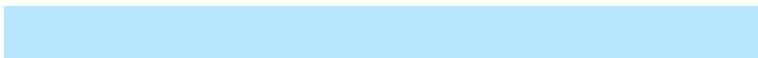
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.1188, 75.3419, 55.3830



61.5720, 75.3419, 72.5380



68.2126, 75.3419, 116.1016



82.6842, 75.3419, 92.3257



# Rectangle

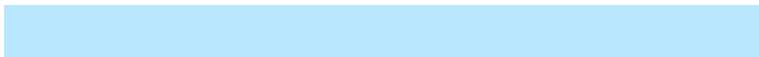
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.1188, 75.3419, 55.3830



65.9081, 75.3419, 57.8946



68.2126, 75.3419, 116.1016



77.6321, 75.3419, 112.0953

# Sweetspot

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



75.1206, 75.3453, 55.3845



88.7700, 92.4198, 91.4547



70.9602, 60.2422, 74.9064



18.7599, 19.4879, 18.9171



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.



75.1206, 75.3453, 55.3845



71.7936, 71.0137, 47.1156



85.5474, 96.1990, 58.8602



18.7599, 19.4879, 18.9171



25.6988, 19.4088, 2.3918

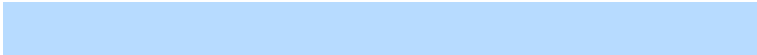


2.6114, 2.1082, 0.2693

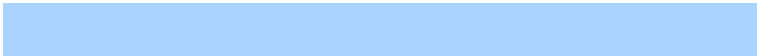


# Inverse Universe

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



62.9092, 67.9482, 104.4074



57.7169, 62.4868, 103.6269



54.5127, 51.1552, 101.6086



17.7533, 18.8782, 22.9581



13.5790, 12.0675, 51.0482



1.4313, 1.3934, 5.0068



# Previews

## White Background



This preview shows how the XYZ color 75.1188, 75.3419, 55.3830 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 75.1188, 75.3419, 55.3830 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 75.1188, 75.3419, 55.3830

## Background



This preview shows how black text looks on a background with the XYZ color 75.1188, 75.3419, 55.3830.



This preview shows how white text looks on a background with the XYZ color 75.1188, 75.3419,

55.3830.

# 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

75.1188, 75.3419, 55.3830

### Protanopia

71.0480, 75.5727, 57.2967

### Deuteranopia

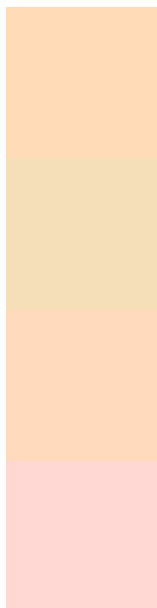
75.8258, 75.2086, 60.3894



## Tritanopia

79.5440, 75.4623, 83.7720

# Trichromacy



## Original Color

75.1188, 75.3419, 55.3830

## Protanomaly

72.4529, 75.5112, 56.6554

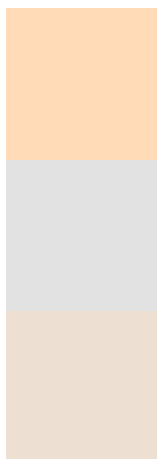
## Deuteranomaly

75.4967, 75.0769, 58.6563

## Tritanomaly

77.6795, 75.1252, 72.6938

# Monochromacy



## Original Color

75.1188, 75.3419, 55.3830

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

72.9456, 75.4330, 71.6882

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 75.1188, 75.3419, 55.3830 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, 219, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 183)  
}
```

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, 219, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 183) }
```

## Border

The CSS property to change the border of an element to XYZ 75.1188, 75.3419, 55.3830 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, 219, 183) }
```



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

```
.border{ border-color:rgb(255, 219, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
183) }
```

# Background

The CSS property to change the background color of an element to XYZ 75.1188, 75.3419, 55.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 183) }
```

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

```
.background{ background-color: rgb(255,  
219, 183) }
```

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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