

# Converting Colors

XYZ(73.7207, 73.0906, 55.0221)

Have a look what the booklet for  
XYZ(73.7207, 73.0906, 55.0221)  
contains.

<b>XYZ(73.7207, 73.0906, 55.0221)</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(73.7207, 73.0906,  
55.0221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FED7B7
RGB	254, 215, 183
RGB Percent	100%, 84%, 72%
CMY	0.0039, 0.1568, 0.2823
CMYK	0.00, 0.15, 0.28, 0.00
HSL	27°, 97%, 86%
HSV	27°, 28%, 100%
XYZ	73.7207, 73.0906, 55.0221
YIQ	223.0130, 33.5160, -1.6840

# Conversions

## Conversions Part 2

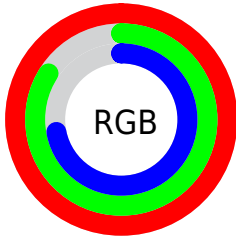
Format	Color
<a href="#">RYB</a>	<a href="#">254, 241, 183</a>
Decimal	<a href="#">16701367</a>
CIELab	<a href="#">88.49, 9.00, 20.85</a>
CIELCh	<a href="#">88, 22.715, 66.647</a>
Yxy	<a href="#">73.0906, 0.3653, 0.3621</a>
Android (android.graphics.Color)	<a href="#">4294891447</a> ( <a href="#">0xFF FED7B7</a> )
YUV	<a href="#">223.0130, -19.7264, 27.1756</a>
Hunter-Lab	<a href="#">85.4930, 4.3078, 21.6869</a>

# Details

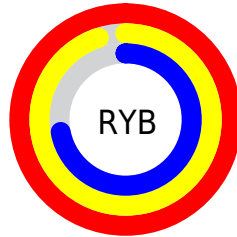
The XYZ color **73.7207, 73.0906, 55.0221** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.5384, 69.4634, 103.8251**, and the grayscale version is **70.2691, 73.9286, 80.5082**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **39.3650, 38.4891, 26.4735** is the 20% darker color. If you saturate the color by 10%, you get **67.9102, 65.3253, 41.1981**, and if you desaturate by 10%, it is **80.3151, 81.6593, 71.4627**.

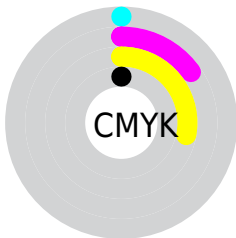
# Distribution



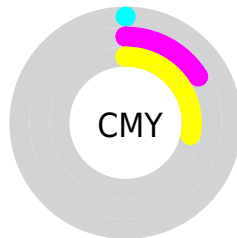
- Red (100%)
- Green (84%)
- Blue (72%)



- Red (100%)
- Yellow (95%)
- Blue (72%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (16%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7207, 73.0906, 55.0221 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 73.7207, 73.0906, 55.0221 by changing the saturation by 10% instead.




 73.7207, 73.0906,  
55.0221

 73.7207, 73.0906,  
55.0221


462.5741,  
471.3288, 423.2800

 54.8559, 54.0500,  
39.0207

 123.4974,  
123.6058, 99.0448

 39.5198, 38.6417,  
26.4679


155.1401,  
155.8493, 127.9032

 27.3469, 26.4811,  
16.9451


191.7728,  
193.2625, 161.8843

 17.9718, 17.1839,  
10.0338

233.7609,  
236.2299, 201.4067

 11.0293, 10.3657,  
5.3155

281.4697,  
285.1358, 246.8890

 6.1540, 5.6421,  
2.3716

335.2646,

 2.9805, 2.6287,

340.3646, 298.7496

0.7709

395.5109,  
402.3008, 357.4071

■ 1.1435, 0.9411,  
0.0000

■ 0.0610, 0.0000,  
0.0000

■ 73.7207, 73.0906,  
55.0221

■ 73.7207, 73.0906,  
55.0221

■ 67.9102, 65.3253,  
41.1981

■ 80.3151, 81.6593,  
71.4627

■ 62.8446, 58.3280,  
29.8484

■ 87.7186, 91.0454,  
90.6429

■ 58.4900, 52.0751,  
20.8240

94.6831, 99.8109,  
108.8828

■ 54.8070, 46.5380,  
13.9579

■ 51.7514, 41.6853,  
9.0601

■ 49.2726, 37.4824,  
5.9068

■ 47.3043, 33.8877,  
4.1971

■ 46.9468, 33.2182,  
3.9374

# Harmonies

## Analogous

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



78.2495, 73.0906, 62.9335



73.7207, 73.0906, 55.0221



68.2608, 73.0906, 53.2712

# Triad

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



73.7207, 73.0906, 55.0221



59.5443, 73.0906, 83.1191



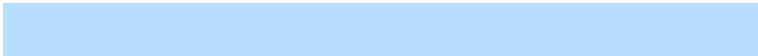
75.9351, 73.0906, 106.2610

# Complementary

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



73.7207, 73.0906, 55.0221



63.5384, 69.4634, 103.8251

# 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.



70.6943, 73.0906, 113.3846



73.7207, 73.0906, 55.0221



61.3738, 73.0906, 98.9375

# Square

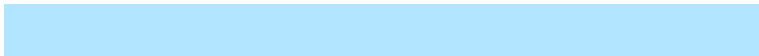
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7207, 73.0906, 55.0221



60.2604, 73.0906, 68.2373



65.3867, 73.0906, 110.5427



79.5741, 73.0906, 92.1219



# Rectangle

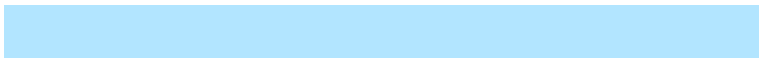
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7207, 73.0906, 55.0221



64.8621, 73.0906, 55.5960



65.3867, 73.0906, 110.5427



74.2920, 73.0906, 109.6345

# Sweetspot

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



73.7226, 73.0940, 55.0236



88.4670, 91.8137, 91.3537



70.9986, 60.2152, 77.0237



18.6837, 19.3355, 18.8917



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.



73.7226, 73.0940, 55.0236



70.7415, 68.9096, 46.7649



83.7463, 93.1412, 58.3648



18.6837, 19.3355, 18.8917



24.8935, 17.7982, 2.1234

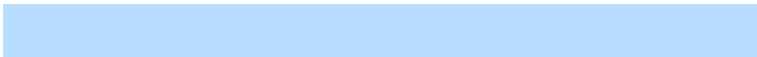


2.5311, 1.9475, 0.2425

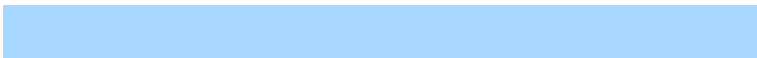


# Inverse Universe

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



63.5384, 69.4634, 103.8251



58.7971, 64.6472, 103.9870



55.0936, 52.5739, 101.0102



17.8300, 19.0317, 22.9837



14.4870, 13.8836, 51.3508

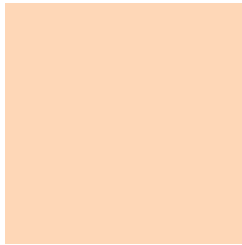


1.5197, 1.5701, 5.0362



# Previews

## White Background



This preview shows how the XYZ color 73.7207, 73.0906, 55.0221 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

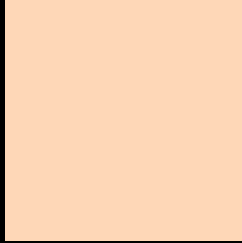
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 73.7207, 73.0906, 55.0221 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

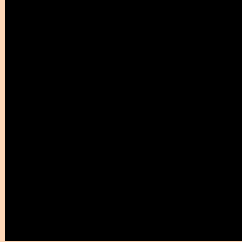
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 73.7207, 73.0906, 55.0221**

## **Background**



This preview shows how black text looks on a background with the XYZ color 73.7207, 73.0906, 55.0221.



This preview shows how white text looks on a background with the XYZ color 73.7207, 73.0906,



# 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

73.7207, 73.0906, 55.0221

### Protanopia

68.9159, 73.2801, 56.9666

### Deuteranopia

74.1495, 72.8983, 56.6171



## Tritanopia

78.1249, 73.2848, 81.2619

# Trichromacy



## Original Color

73.7207, 73.0906, 55.0221

## Protanomaly

70.3641, 72.8666, 56.2550

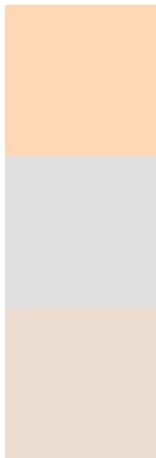
## Deuteranomaly

74.0435, 72.8559, 56.0590

## Tritanomaly

76.4163, 73.0001, 71.0356

# Monochromacy



## Original Color

73.7207, 73.0906, 55.0221

## Achromatopsia

70.1384, 73.7910, 80.3584

## Achromatomaly

70.9101, 73.2329, 70.0725

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 73.7207, 73.0906, 55.0221 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(254, 215, 183)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 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(254, 215, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 183) }
```

## Border

The CSS property to change the border of an element to XYZ 73.7207, 73.0906, 55.0221 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(254, 215, 183) }
```



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

```
.border{ border-color:rgb(254, 215, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 215, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 183);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
183) }
```

# Background

The CSS property to change the background color of an element to XYZ 73.7207, 73.0906, 55.0221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 183) }
```

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

```
.background{ background-color: rgb(254,  
215, 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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