

Converting Colors

XYZ(138.5692, 106.5743,
60.1517)

Have a look what the booklet for
XYZ(138.5692, 106.5743, 60.1517)
contains.

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Color

**XYZ(74.5101, 73.4487,
57.2636)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7BB
RGB	255, 215, 187
RGB Percent	100%, 84%, 73%
CMY	0.0000, 0.1568, 0.2667
CMYK	0.00, 0.16, 0.27, 0.00
HSL	25°, 100%, 87%
HSV	25°, 27%, 100%
XYZ	74.5101, 73.4487, 57.2636
YIQ	223.7680, 32.8280, -0.2280

Conversions

Conversions Part 2

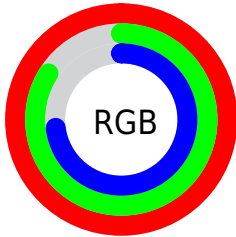
Format	Color
R _Y B	255, 235, 187
Decimal	16766907
CIE Lab	88.66, 9.90, 19.01
CIE LCh	89, 21.438, 62.487
Yxy	73.4487, 0.3631, 0.3579
Android (android.graphics.Color)	4294956987 (0xFFFFD7BB)
YUV	223.7680, -18.1266, 27.3905
Hunter-Lab	85.7022, 5.2103, 20.3758

Details

The XYZ color **74.5101, 73.4487, 57.2636** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.0118, 72.7207, 105.1650**, and the grayscale version is **70.7963, 74.4832, 81.1122**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **39.8998, 38.7332, 27.9276** is the 20% darker color. If you saturate the color by 10%, you get **68.3735, 65.1633, 42.9247**, and if you desaturate by 10%, it is **81.4851, 82.6348, 74.2751**.

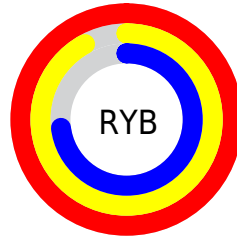
Distribution



Red (100%)

Green (84%)

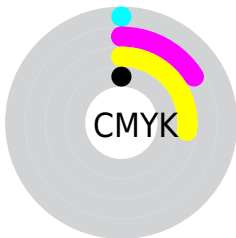
Blue (73%)



Red (100%)

Yellow (92%)

Blue (73%)

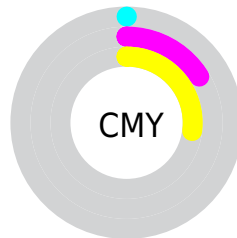


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5101, 73.4487, 57.2636 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 74.5101, 73.4487, 57.2636 by changing the saturation by 10% instead.


 74.5101, 73.4487,
57.2636

 74.5101, 73.4487,
57.2636

465.2552,
472.5685, 431.9577

 55.5044, 54.3429,
40.8061

 124.6103,
124.1140, 102.3539

 40.0411, 38.8759,
27.8491


156.4354,
156.4423, 131.8238

 27.7550, 26.6632,
17.9739


193.2645,
193.9469, 166.4682

 18.2805, 17.3204,
10.7620

235.4628,
237.0123, 206.7057

 11.2525, 10.4632,
5.7949

283.3956,
286.0227, 252.9549

 6.3055, 5.7072,
2.6540

337.4284,

 3.0741, 2.6678,

341.3626, 305.6343

0.9201

397.9265,
403.4164, 365.1624

■ 1.1931, 0.9609,
0.0000

■ 0.1009, 0.0000,
0.0000

■ 74.5101, 73.4487,
57.2636

■ 74.5101, 73.4487,
57.2636

■ 68.3735, 65.1633,
42.9247

■ 81.4851, 82.6348,
74.2751

■ 63.0351, 57.7398,
31.1158

■ 89.3260, 92.7394,
94.0827

■ 58.4589, 51.1507,
21.6874

95.0500, 100.0000,
108.9000

■ 54.6034, 45.3633,
14.4728

■ 51.4229, 40.3418,
9.2827

■ 48.8646, 36.0473,
5.8959

■ 46.8647, 32.4348,
4.0346

■ 46.2936, 31.3671,
3.6145

Harmonies

Analogous

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



78.5469, 73.4487, 65.6201



74.5101, 73.4487, 57.2636



69.3799, 73.4487, 54.7429

Triad

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



74.5101, 73.4487, 57.2636



60.3322, 73.4487, 81.2161



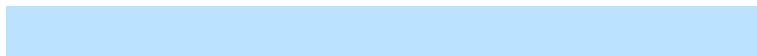
75.2939, 73.4487, 106.5061

Complementary

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



74.5101, 73.4487, 57.2636



66.0118, 72.7207, 105.1650

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.



70.2435, 73.4487, 111.9633



74.5101, 73.4487, 57.2636



61.7477, 73.4487, 96.2800

Square

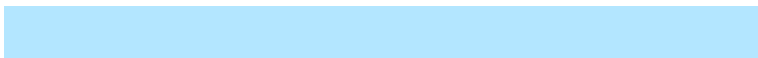
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5101, 73.4487, 57.2636



61.3507, 73.4487, 67.5153



65.3133, 73.4487, 108.0100



79.0150, 73.4487, 93.8763

Rectangle

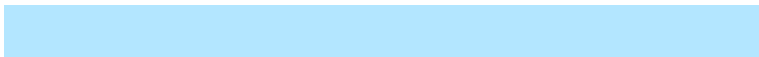
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5101, 73.4487, 57.2636



66.0730, 73.4487, 56.4221



65.3133, 73.4487, 108.0100



73.6869, 73.4487, 109.3061

Sweetspot

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



74.5118, 73.4520, 57.2651



88.2287, 91.3372, 91.2743



72.9866, 62.3917, 81.4498



18.6238, 19.2157, 18.8718



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.



74.5118, 73.4520, 57.2651



71.1359, 68.9213, 49.2923



83.8388, 92.1059, 60.3741



18.6238, 19.2157, 18.8718



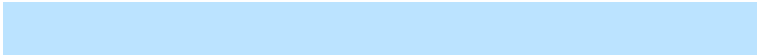
24.3278, 16.6669, 1.9348



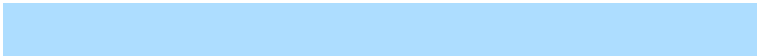
2.4732, 1.8318, 0.2232

Inverse Universe

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



66.0118, 72.7207, 105.1650



61.3327, 68.0710, 104.5142



57.7916, 56.2803, 102.4250



17.8910, 19.1536, 23.0040



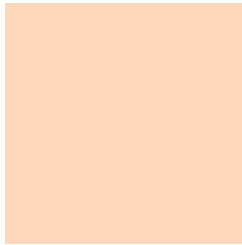
15.2794, 15.4683, 51.6150



1.5954, 1.7215, 5.0615

Previews

White Background



This preview shows how the XYZ color 74.5101, 73.4487, 57.2636 looks on a white background.

Color Contrast Check

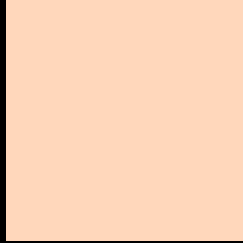
Large Text (above 18pt) WCAG AA × Fail

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 74.5101, 73.4487, 57.2636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

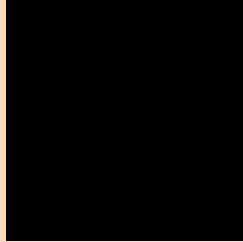
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.5101, 73.4487, 57.2636

Background



This preview shows how black text looks on a background with the XYZ color 74.5101, 73.4487, 57.2636.



This preview shows how white text looks on a background with the XYZ color 74.5101, 73.4487,

57.2636.

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

74.5101, 73.4487, 57.2636

Protanopia

69.4569, 73.4966, 59.8157

Deuteranopia

74.7257, 73.5350, 58.3993



Tritanopia

78.1249, 73.2848, 81.2619

Trichromacy



Original Color

74.5101, 73.4487, 57.2636

Protanomaly

71.2437, 73.2580, 59.1005

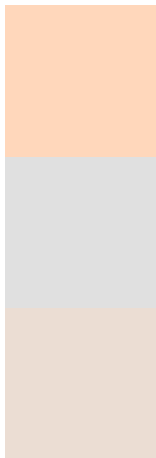
Deuteranomaly

74.6175, 73.4917, 57.8295

Tritanomaly

76.5414, 73.0501, 71.6939

Monochromacy



Original Color

74.5101, 73.4487, 57.2636

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.8753, 74.0782, 72.1383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5101, 73.4487, 57.2636 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, 215, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 187)  
}
```

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, 215, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 187) }
```

Border

The CSS property to change the border of an element to XYZ 74.5101, 73.4487, 57.2636 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, 215, 187) }
```


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

```
.border{ border-color:rgb(255, 215, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5101, 73.4487, 57.2636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 187) }
```

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

```
.background{ background-color: rgb(255,  
215, 187) }
```

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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